ZONE 13. Table showing the Authorities for the Meteorology of the Globe between Latitude 40° S. and 50° S.

No.	Name of Station.	Authority for Current Data.	Authority of Normals.	Remarks.
1301	Chatham Island	Wellington, Statistics of New Zealand, 1912: Meteor.	M.S. normals prepared in M.O.	..
1321	Punta Corona (Puerto de Ancud)	Santiago, Publ. Inst. Meteor. de Chile, No. 10, Anuario 1912.	..	T=⅛ (7+14+21).
1322	Punta Galera	Do. do.	..	P=⅛ (7+14+21).
1323	Bahia Blanca	M.S. data supplied by Mr. R. C. Mossman.	W. G. Davis, Climate of Argentine Republic.	P=⅛ (8+14+20).
1365	Hobart	Melbourne, Australian Monthly Weath. Rep., vol. 3., 1912.	See current data.	P=½ (9+15).
1366	Launceston	Do. do.	Do.	Do.
1370	Dunedin	Wellington, Statistics of New Zealand, 1912: Meteor.	M.S. normals prepared in M.O.	P=9½ h.
1371	Christchurch	Do. do.	Do. do.	Do.
1372	Wellington	Do. do.	New Zealand Gazette.	P=9 h.

ZONE 14. Between Latitude 50° S. and 60° S.

1421	Islota de los Evangelistas	Santiago, Publ. Inst. Meteor. de Chile, No. 10, Anuario 1912.	..	P, T=⅛ (7+14+21).
1422	Puerto de Punta Arenas	Do. do.	P. Marabini, Resumen de Obs. 1888–1907 del Colegio Salesiano, Punta Arenas.	P=mean of 24 hrs.
1423	Punta Dungeness	Do. do.	..	P, T=⅛ (7+14+21).
1424				
1425	Cape Pembroke	M.S. data at M.O.	P, M.S. normals prepared in M.O. T, R. C. Mossman, Meteorology of the Weddell Quadrant.	P, T=⅛ (4+8+12+16+20+24).
1429	South Georgia (Cumberland Bay)	Do.	M.S. normals prepared in M.O.	P=⅛ (8+14+20).

ZONE 15. Between Latitude 60° S. and 70° S.

1527 1528	South Orkneys	M.S. data supplied by Mr. R. C. Mossman.	M.S. normals supplied by Mr. R. C. Mossman.	P=mean of 24 hrs.

ZONE 16. Between Latitude 70° S. and 80° S.

1605	Framheim	Mohn, H., R. Amundsen's Antarctic Exped.: Meteorology.	..	P, T=⅛ (8+14+20).
1669 1670	Cape Evans (McMurdo Sound)	London, Q. J. R. Meteor. Soc., 40, 1914, p. 222.	M.S. normals supplied by Mr. R. C. Mossman.	P, T=mean of 24 hrs.

TEMPERATURES REDUCED TO TRUE MEAN.

The following references give the more important authorities for the corrections to reduce the temperature observations at fixed hours, or means of maxima and minima, to true mean, or for the reduced values themselves.

Norway.—Kristiania, Jahrb. d. Norweg. Meteor. Instituts.

Russia.—Wild, H., Die Temperatur-Verhältnisse des Russisches Reiches. 3 vols. St. Petersburg, 1881.

Canada.—Prepared in M.O.

U.S.A.—Washington, U.S. Dept. Agric., Weather Bureau, Bulletin S. By F. H. Bigelow, 1909.

Portugal (Lisbon).—J. d'Almeida Lima, Le climat de Lisbonne, 1912.

Greece (Athens).—Athens, Observatoire National, Annales.

Egypt and Sudan.—Cairo, Survey Department, Annual Report, 1907.

India.—Calcutta, Meteorological Office, Indian Meteorological Memoirs, vol. xvii., 1904.

Tropics.—Hann, J., Die tägliche Gang der Temperatur in der inneren Tropenzone; Die tägliche Gang der Temperatur in der äusseren Tropenzone. 3 vols. Wien, 1905, 1907.

South America.—Supplied by Mr. R. C. Mossman.

South Georgia.—Internationale Polarforschung, 1882–3. Die Beobachtungs-Ergebnisse der Deutschen Stationen. Süd-Georgien, Berlin, 1886.

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METEOROLOGICAL OFFICE.

BRITISH METEOROLOGICAL AND MAGNETIC YEAR BOOK, 1913.

PART V.

RÉSEAU MONDIAL, 1913.

MONTHLY AND ANNUAL SUMMARIES OF PRESSURE, TEMPERATURE, AND PRECIPITATION AT LAND STATIONS,

GENERALLY TWO FOR EACH TEN-DEGREE SQUARE OF LATITUDE AND LONGITUDE.

Published by the Authority of the Meteorological Committee.

LONDON:
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1918.

RÉSEAU MONDIAL, 1913.

PREFACE.

The compilation of a series of meteorological data representing the meteorology of the globe has been for a long time a cherished ambition of meteorologists, because it is generally acknowledged that the weather of any particular region is only the local result of causes which belong to the general circulation of the atmosphere, and can only be interpreted in general terms when the results for one locality can be placed in effective comparison with those for the rest of the globe.

Summaries of results for pressure, temperature, and rainfall based on averages for a long series of years have already been given to the world. Alexander Buchan's compilation, contained in the volume of the results of the *Challenger* Expedition comprising the Report on Atmospheric Circulation, is the most notable. It includes a representation of the average distribution of pressure and temperature for each month, with tables for the individual stations, which are still a mine of reference for all who are interested in meteorology; and in the time before its publication Dové's charts of mean temperature were, and still are, counted among the best known meteorological classics, and are the basis of the maps reproduced in many works on physical geography. In the last few years comprehensive tables of extremes and averages for several hundred coast stations have been compiled in this Office and published in the various Admiralty Pilots and Sailing Directions.

The gradual progress of meteorology on an international basis may be dated back to the International Congresses of 1874 at Vienna and 1879 at Rome. It has been carried on with increasing success by periodical Conferences of Directors of Meteorological Institutes and Observatories, with triennial meetings of the International Meteorological Committee appointed by the Conferences. It has led meteorologists to recognise that normal values are only the first beginning of the systematic study of the meteorology of the globe, and that the next important step is the compilation of monthly means of pressure, temperature, and rainfall which are the result of observations at stations in all parts of the world, conducted in accordance with the regulations laid down by the international organisation in order to secure the uniformity of practice necessary for the purposes of comparison.

Prominent among those who have urged the study of meteorology on the scale of a *réseau mondial* is the veteran meteorologist H. H. Hildebrandsson, for many years Professor in the University of Upsala, whose memoirs on centres of action in the atmosphere also rank among classical researches in meteorology. For him the month was the accepted time-unit, while his collaborator the late Léon Teisserenc de Bort, in 1905, demanded the collection of daily data for a *réseau mondial* by telegraph, and obtained the appointment of a special commission by the International

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Meteorological Committee in 1907 to satisfy the demand, with which that of Professor Hildebrandsson was subsequently associated. Before that, the Solar Physics Observatory at South Kensington insisted upon the compilation of meteorological data for the globe from the point of view of the relation of solar and terrestrial changes, and in order to further that object a Solar Commission was constituted by the International Meteorological Committee at Southport in 1903 under the presidency of Sir Norman Lockyer, and held several meetings, at the last of which, in 1909, a selection of stations at the rate of two for each ten-degree square of latitude and longitude was prepared.

The inherent difficulties of the task of compiling the data from the publications of the various meteorological institutes appearing at widely different intervals after the close of the period under review, and of supplementing them by data which are believed to exist but are not published, have hitherto proved insuperable, and various attempts have been made by individual institutes—notably by the Solar Physics Observatory, by the Indian, Australian, and Argentine Services, and especially by Professor Hildebrandsson—to collect the data necessary for special branches of research. More recently the Meteorological Institute of the Netherlands, with the assistance of the Commission for Maritime Meteorology, has initiated the collection of monthly data for selected areas of the sea, in order to supplement the available information on land.

It was my duty, as President of the International Meteorological Committee, to do what was possible to assist in meeting a demand so generally regarded as urgent, and so difficult to satisfy on account of the number of obstacles, each in itself trivial but practically deterrent by their number; and in 1910 I presented to the meeting of the International Committee at Berlin a specimen of the compilation for the month of January 1905, which was accepted as satisfactory. General support was promised to the enterprise provided it was understood that the resulting compilation would be published.

After five years of endeavour to find means to deal with the demand, through the energy and perseverance of a member of the staff of the Meteorological Office, Mr C. E. P. Brooks, M.Sc., with the effective assistance of Mr H. W. Braby, M.A., until he left for service in the war, I succeeded in compiling the monthly results for the year 1911 in the form which was used for the specimen presented at Berlin. Preparation of the tables for 1912 and 1913 followed in due course, and the tables for 1911 and 1912, and also specimen charts showing the deviations of pressure and temperature from normal values, were published in 1917.

There is a sense in which the Meteorological Office is specially called upon to take up the responsibility of a work of this kind. In response to urgent representations of various kinds it has, for some years past, made a point of collecting together the meteorological information compiled in the various British colonies scattered over the globe which have no organised meteorological institute; the original intention was to compile a volume of meteorological data for the British Empire as a fifth part of the *British Meteorological and Magnetic Year-Book*. This was felt to be an urgent necessity, if only for the purpose of keeping in sympathetic touch with the work which is conducted sometimes under very adverse conditions and with little supervision or expert assistance. Those who have experience in supervising work carried on at a

great distance from the base will recognise that the headings of columns on a form for the entry of observations are sometimes misunderstood or disregarded by the observer until his attention is called thereto; and unless the examination is done promptly and regularly it is too late. Moreover, the most effective way of examining results is to chart them; and thus, when the work came to be taken in hand, it was found desirable to have the values of neighbouring countries for the purpose of comparison; and, indeed, it became apparent that with not very much additional labour the summary might be extended beyond the limits of the British Empire to include the whole of the known globe.

It will be understood that the representation of the meteorology of the globe which is here presented is only in outline. Precipitation in particular cannot be adequately represented by two stations to the square of ten degrees in latitude and longitude. But it is better to include it now as a guide to the questions which will subsequently be answered more fully. Pressures are expressed in millibars, temperatures in degrees centigrade measured from absolute zero, and rainfall in millimetres. Conversion tables are appended to this preface.

There are other points which will have to be considered before the work can be regarded as complete. The observations of pressure and temperature are taken at fixed hours at the different stations, and the fixed hours are not the same for all when referred either to local time or standard time. Consequently there may be systematic differences due to the difference of hours selected for observations, and wherever possible the results must be reduced to the true mean value for the period of twenty-four hours, which is usually regarded as identical with the mean of twenty-four readings at equal intervals of an hour. But in many cases the appropriate correction is not known. It is a subject in which it is better not to guess, and consequently the mean values of the readings in their original form are given, and in the case of pressure a separate table is given in the Introduction for the amount of correction representing the necessary reduction to the twenty-four hour mean, while in the case of temperature an additional column is given headed "24 hr. mean," in which computed means are shown in *italics*.

In temperature there is a further special case to be considered because observations of maximum and minimum temperature are often available, sometimes instead of, sometimes in addition to the observations at fixed hours.

In his climatological work, Dr Buchan preferred to accept the "mean of maximum and minimum" as a definition of mean temperature of the air for a month, because it was more convenient to handle than a definition based upon the mean ordinate of a continuous record for the twenty-four hours. On the other hand, Dr Hann has devoted much attention to the question of difference between the true mean temperature and the means of the twenty-four hours, and regards it as particularly worthy of attention in tropical regions.

In the tables of values here given, we have to allow for every kind of variation permissible by the international rules, and in consequence the means as extracted from the published results are of many different forms. It has been thought best to give the mean of the maximum and minimum whenever both were available, and otherwise to give the means at combinations of hours which are specified for each station in a supplementary table which follows the meteorological data.

This brings us to a third point, namely, the differences of values for the particular month from the normal values for the month for the individual stations. In the absence of any universally applicable rule for obtaining the true means for the twenty-four hours, it is useful to be able to work with difference from normal instead of depending upon the actual difference between stations. Here again there is a difficulty, because the normals for different stations ought to be based on equal numbers of years of record, and indeed, strictly speaking, on the same interval of time.

But the records are not by any means concurrent. In such circumstances we have this consolation for our inability to present a truly homogeneous series of data—that the associations of weather phenomena which we are seeking by this compilation must be something much deeper and wider than anything that can be obliterated by the chance of the selection of years for the normal or the method of obtaining means. If not, the work of the Réseau Mondial would be a vain pursuit. When we get to the stage when general considerations will be contingent upon precise accuracy in the formation of the deviation from normal, the object of the meteorological plan of organisation of stations will be sufficiently clear to secure the requisite co-operation.

In the meantime it is hoped that the mode of presentation will upon examination commend itself to my meteorological colleagues. It is to me not only interesting but satisfactory that in glancing over the tables, with the exception of three entries in the height column for stations that are below sea level, the prefix of the sign + or − before a number means always and everywhere the difference from the figures accepted for normal.

The appearance would have been very different if five additional columns of temperature had required the prefix of a sign to make the reading intelligible.

NAPIER SHAW,
Chairman Meteorological Committee.

METEOROLOGICAL OFFICE,
June 1918.

INTRODUCTION TO THE TABLES OF THE RÉSEAU MONDIAL FOR THE YEAR 1913.

THE following tables deal with the meteorology of the globe month by month for the year 1913. As far as the available data permitted, two stations have been included for each ten-degree square, and in some cases, chiefly in Western Europe, three stations. All the stations are land stations, no marine data being included. The majority of the stations are under the control of the various Government Meteorological Services, and may therefore be regarded as giving comparable records. In other cases information as to the exposure of the instruments is often lacking, and then it is not certain that standard conditions have been obtained. No observations are included that are known to be faulty in this respect. The elements dealt with are barometric pressure, temperature of the air, and precipitation. Absolute units on the C.G.S. system are employed throughout.

Numbering of the Stations.—The stations are divided according to their latitude into sixteen ten-degree zones, numbered from North to South, Zone 1 being from 80° to 70° North, and Zone 16 from 70° to 80° South. Each of these zones is divided at every tenth degree of longitude, into thirty-six ten-degree squares. Each square normally contains two stations, so that to each square in the zone, starting from 180° (Greenwich longitude) and proceeding eastward, two numbers are assigned. The stations within the ten degrees between longitude 180° W. and 170° W. are thus numbered 1, 2, those between 170° W. and 160° W. 3, 4, and so on; those between 170° E. and 180° E. are numbered 71, 72. To the numbers of the stations in each zone is prefixed the number of the zone, the whole making a system of numeration for the stations, *e.g.* in Zone 1, Nos. 101, 102 . . . 171, 172; in Zone 10, Nos. 1001, 1002 . . . 1072. Where there are three stations in a ten-degree square, the third station is designated by the number of the second station with the letter *a* attached.

Pressure.—The readings of barometric pressure are reduced to mean sea level when the height of the cistern is accurately known and does not exceed a thousand metres. Above this height the readings are not reduced. The tables employed in the reductions are based on those in the International Meteorological Tables, the mean temperature at the station for the month being taken to represent the temperature of the column of air. Owing to the low temperatures recorded in Canada and Siberia, this probably makes the sea-level pressures there during the winter months artificially high. If we assume a temperature inversion of 10 a. immediately above the ground, the excess would be about one millibar for every two hundred metres height of the station. The hours of observation to which the barometer readings refer are shown in the table of authorities at the end of the monthly tables. In many cases the figures are means of hourly values, for others a table is given at the end of this Introduction, showing the corrections which must be applied to the readings if it is wished to reduce the values given to twenty-four hourly means. These corrections are not available for all stations.

Differences from normal are given wherever average values were obtainable ; where both station-level and sea-level readings for the month are given, the differences refer to the latter. The periods covered by the averages vary ; it was not possible to employ a homogeneous series, owing to the late commencement of many of the tropical stations.

Temperature.—The tables of temperature include the means of the daily readings of the maximum and minimum thermometers, the highest reading of the maximum and the lowest reading of the minimum thermometer, the mean temperature, obtained from the mean maximum and mean minimum or from observations at fixed hours, and a column showing the observed or computed mean of twenty-four hourly values. The normals, like those of pressure, are for varying periods, but in all cases they are based on the same combination of values as the current data.

Precipitation.—The term precipitation includes besides rain, snow, hail, and (if in measurable amount) dew. The solid precipitates are measured by the depth of water they yield or are computed to yield when melted.

Standard of Time.—The standard of time to which the hours of observation refer is either local time or local standard time. As a rule, at stations unconnected with a Government Weather Service local time is employed, while the Government Services employ local standard time for all the stations within their district.

Tables of Authorities.—The publications of the various Meteorological Institutes, from which the data for 1913, as well as the normals for the stations, are taken, are shown in the "Tables of Authorities, etc.," at the end of the volume. The letters **P**, **T**, **R** refer to Pressure, Temperature, and Precipitation. In many cases the data for 1913 are not yet published by the institutions responsible for them, and advance copies in manuscript have been kindly supplied by the directors. The data for some stations in the British Crown Colonies exist in manuscript at this Office, but have not yet been published in any other form. The positions and heights of the stations, and the spelling of the names, have been taken, wherever possible, from the official publications.

Table I. gives corrections based, where possible, on averages of several years, which must be applied in order to reduce to true or twenty-four hourly means the values of pressure contained in the monthly tables.

Tables II.–V. show the equivalents in absolute C.G.S. units of inches and millimetres of mercury, degrees Fahrenheit, and inches of rainfall.

TABLE I.—*Corrections to reduce Means of Pressure at various hours or combinations of hours to True Mean.*

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Zone 1.													
Gaasefiord for North Star Bay, $\frac{1}{3}$ (8+14+21) (1)	0·0	0·0	0·0	0·0	0·0	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Gaasefiord and Godthaab for Upernivik, $\frac{1}{3}$ (8+14+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Malye Karmakouly, $\frac{1}{3}$ (7+13+21) (2)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Zone 2.													
Nome, 17 h. (1)	+0·2	0·0	+0·4	+0·4	+0·2	+0·1	+0·1	+0·2	+0·4	+0·4	+0·1	+0·2	+0·2
Godthaab for Jacobshavn, $\frac{1}{3}$ (8+14+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Godthaab, $\frac{1}{3}$ (8+14+21) (1)	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1
Lerwick, $\frac{1}{3}$ (7+13+21) (1)	+0·1	0·0	0·0	−0·1	−0·1	0·0	0·0	−0·1	0·0	0·0	0·0	+0·1	0·0
Helsingfors, 7 h. (2)	+0·7	+0·1	+0·1	+0·2	+0·2	−0·1	−0·2	+0·1	+0·2	+0·4	+0·2	+0·4	+0·2
Kuopio, 7 h. (1)	+0·5	+0·2	+0·2	+0·2	+0·1	−0·1	−0·1	+0·1	+0·1	+0·3	+0·3	+0·3	+0·2
Kola, $\frac{1}{3}$ (7+13+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Petrozavodsk, 7 h. (1)	+0·2	+0·2	+0·2	+0·1	+0·1	−0·1	0·0	0·0	+0·1	+0·3	+0·2	+0·2	+0·1
Arkhangelsk, 7 h. (1)	+0·3	+0·3	+0·3	+0·1	+0·1	−0·1	0·0	0·0	+0·1	+0·3	+0·3	+0·2	+0·2
Velsk, $\frac{1}{3}$ (7+13+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Oust-Tsylma, 7 h. (1)	+0·3	+0·3	+0·3	+0·1	0·0	−0·1	0·0	0·0	+0·1	+0·3	+0·3	+0·2	+0·1
Troitsko-Petcherskoe, $\frac{1}{3}$ (7+13+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Berezov, $\frac{1}{3}$ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Obdorsk, $\frac{1}{3}$ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Sourgout, $\frac{1}{3}$ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Doudinka, $\frac{1}{3}$ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Olekminsk, $\frac{1}{3}$ (7+13+21) (1)	0·0	0·0	0·0	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Iakoutsk, $\frac{1}{3}$ (7+13+21) (1)	+0·1	0·0	0·0	−0·1	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0	0·0
Verkhoïansk, $\frac{1}{3}$ (7+13+21) (1) ..	+0·1	0·0	0·0	−0·1	0·0	0·0	0·0	+0·1	0·0	0·0	0·0	0·0	0·0
Oust-Maïskoe, $\frac{1}{3}$ (7+13+21) (1) ..	+0·1	0·0	0·0	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Zone 3.													
Sitka for Dutch Harbor, 15 h. (1) ..	+0·1	0·0	0·0	−0·2	−0·1	−0·2	−0·2	−0·2	−0·2	−0·1	+0·1	0·0	−0·1
Fort Churchill for York Factory, $\frac{1}{2}$ (8+18) (1)	−0·1	0·0	0·0	+0·1	+0·2	+0·3	+0·2	+0·1	+0·1	−0·1	−0·2	−0·2	0·0
Hamburg, $\frac{1}{3}$ (8+14+20) (2)	0·0	+0·1	−0·1	−0·1	0·0	0·0	0·0	−0·1	−0·1	−0·1	0·0	0·0	0·0
Hamburg and Upsala for Copenhagen, $\frac{1}{3}$ (8+14+21) (2)	+0·1	−0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1	+0·1	0·0	−0·1	+0·1
Warsaw, 7 h. (1)	+0·2	0·0	−0·1	−0·2	−0·3	−0·3	−0·3	−0·3	−0·1	−0·1	+0·1	+0·2	−0·1
Jurjev, 7 h. (1)	+0·2	+0·2	+0·1	+0·1	0·0	−0·1	−0·1	0·0	+0·1	+0·2	+0·2	+0·3	+0·1
Petrograd, 7 h. (2)	+0·2	+0·2	+0·2	+0·1	0·0	−0·1	0·0	0·0	+0·1	+0·3	+0·2	+0·2	+0·1
Kiev, 7 h. (1)	+0·1	+0·3	0·0	−0·1	−0·4	−0·4	−0·3	−0·3	−0·1	−0·2	+0·1	+0·1	−0·1
Moscow, 7 h. (2)	+0·1	+0·2	+0·4	0·0	+0·1	−0·1	−0·2	0·0	+0·1	+0·1	+0·1	0·0	+0·1
Saratov, 7 h. (1)	+0·1	−0·1	−0·1	−0·4	−0·5	−0·6	−0·6	−0·4	−0·4	−0·2	−0·1	+0·2	−0·3
Kazan, 7 h. (2)	+0·3	0·0	0·0	−0·2	−0·4	−0·5	−0·5	−0·2	0·0	+0·1	+0·2	+0·5	−0·1
Orenburg, 7 h. (1)	0·0	−0·1	−0·1	−0·4	−0·5	−0·6	−0·5	−0·4	−0·4	−0·2	0·0	+0·1	−0·3
Perm, 7 h. (1)	+0·1	+0·1	0·0	−0·1	−0·3	−0·3	−0·3	−0·1	0·0	+0·1	+0·2	+0·2	0·0
Ekaterinburg, 7 h. (2)	+0·1	+0·1	0·0	−0·1	−0·3	−0·2	−0·2	−0·1	0·0	+0·1	+0·2	+0·1	0·0
Tobolsk, $\frac{1}{3}$ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Akmolinsk, $\frac{1}{3}$ (7+13+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	−0·1
Omsk, $\frac{1}{3}$ (7+13+21) (1)	0·0	0·0	0·0	0·0	−0·1	0·0	−0·1	0·0	−0·1	0·0	0·0	0·0	0·0
Barnaoul, $\frac{1}{3}$ (7+13+21) (2)	0·0	0·0	0·0	−0·1	−0·1	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0
Tomsk, $\frac{1}{3}$ (7+13+21) (1)	0·0	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Minousinsk, $\frac{1}{3}$ (7+13+21) (1) ..	0·0	0·0	0·0	−0·1	−0·1	0·0	−0·1	0·0	−0·1	0·0	0·0	0·0	0·0
Eniseisk, $\frac{1}{3}$ (7+13+21) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Irkutsk, $\frac{1}{3}$ (7+13+21) (2)	0·0	−0·1	−0·1	−0·2	−0·2	−0·2	−0·2	−0·2	−0·1	0·0	0·0	+0·1	−0·1
Kirensk, $\frac{1}{3}$ (7+13+21) (1)	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	−0·1
Blagoveshchensk Priisk, $\frac{1}{3}$ (7+13+21) (1)	0·0	0·0	0·0	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Nertchinsk, $\frac{1}{3}$ (7+13+21) (2) ..	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	0·0
Tygan Ourkan, $\frac{1}{3}$ (7+13+21) (1) ..	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	0·0
Blagoveshchensk, $\frac{1}{3}$ (7+13+21) (1) ..	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	0·0
Paikanskii Sklad, $\frac{1}{3}$ (7+13+21) (1) ..	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	−0·1
Nikolaevsk-sur-Amour, $\frac{1}{3}$ (7+13+21) (1)	+0·1	0·0	−0·1	0·0	−0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Okhotsk, $\frac{1}{3}$ (7+13+21) (1)	+0·1	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0

TABLE I.—*Corrections to reduce Means of Pressure at various hours or combinations of hours to True Mean.*—continued.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Zone 4.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Toronto, ½ (8+20) (1)	−0·4	−0·4	−0·4	−0·5	−0·3	−0·2	−0·2	−0·3	−0·4	−0·3	−0·3	−0·4	−0·3
Rome, 8 h. (3)	0·0	0·0	+0·1	0·0	0·0	0·0	+0·1	0·0	+0·1	−0·3	−0·1	0·0	0·0
Vienna, ⅓ (7+ 14+21) (2)	+0·2	+0·1	0·0	0·0	+0·1	0·0	0·0	0·0	+0·1	0·0	+0·1	+0·2	+0·1
O-Gyalla for Buda Pesth, ¼(7+14+21) (1)	+0·1	+0·1	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0
Odessa, 7 h. (1)	0·0	+0·2	−0·1	−0·3	−0·6	−0·6	−0·4	−0·5	−0·4	−0·3	−0·1	0·0	−0·3
Kharkov, 7 h. (1)	−0·1	0·0	0·0	−0·2	−0·3	−0·5	−0·4	−0·5	−0·4	−0·3	−0·2	−0·2	−0·3
Novorossiisk, 7 h. (1)	−0·3	−0·2	−0·3	−0·6	−0·7	−0·7	−0·7	−0·8	−0·8	−0·5	−0·3	−0·3	−0·5
Tiflis, 7 h. (2)	−0·2	−0·2	−0·6	−0·9	−0·9	−0·9	−1·0	−1·0	−0·9	−0·7	−0·4	−0·3	−0·7
Astrakhan, 7 h. (1)	−0·1	−0·2	−0·3	−0·7	−0·8	−0·8	−0·7	−0·7	−0·8	−0·5	−0·3	−0·1	−0·5
Krasnovodsk, 7 h. (1)	−0·1	−0·2	−0·5	−0·9	−0·9	−0·9	−0·7	−0·9	−0·9	−0·7	−0·3	−0·2	−0·6
Tachkent, ⅓ (7+13+21) (1)	0·0	−0·1	−0·1	−0·2	−0·3	−0·2	−0·2	−0·3	−0·2	−0·1	0·0	0·0	−0·1
Irgiz, ⅓ (7+13+21) (1)	+0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·2	−0·1	−0·1	0·0	0·0	−0·1
Narynskoe, ⅓ (7+13+21) (1)	0·0	−0·1	−0·1	−0·2	−0·3	−0·2	−0·2	−0·2	−0·2	−0·1	0·0	0·0	−0·1
Vernyi, ⅓ (7+13+21) (1)	0·0	−0·1	−0·1	−0·2	−0·3	−0·2	−0·2	−0·2	−0·2	−0·1	0·0	0·0	−0·1
Vladivostok, ⅓ (7+13+21) (1) ..	+0·1	0·0	−0·1	−0·1	−0·2	−0·2	−0·2	−0·2	−0·1	0·0	0·0	0·0	−0·1
Zone 5.													
Bermuda, ⅓ (9+15+21) (1)	−0·2	−0·1	−0·1	−0·1	0·0	−0·1	0·0	−0·1	−0·1	−0·1	0·0	−0·2	−0·1
Horta, 6 h. (1)	+0·3	+0·6	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2	+0·1	+0·4	+0·2	+0·3
Ponta Delgada, 8 h. (1)	−0·2	−0·3	−0·5	0·0	−0·1	−0·1	−0·2	−0·1	−0·3	−0·3	−0·3	−0·3	−0·2
Lisbon, ⅓ (9+15+21) (4)	−0·2	−0·1	−0·1	−0·2	−0·1	−0·1	−0·1	−0·2	−0·2	−0·3	−0·2	−0·2	−0·2
Palma, 8 h. (1)	−0·5	−0·5	−0·6	−0·4	−0·4	−0·5	−0·6	−0·4	−0·6	−0·6	−0·6	−0·4	−0·5
Metlaoui for Tunis, ⅓ (7+13+19) (1)	0·0	−0·1	−0·2	−0·2	−0·2	−0·3	−0·2	−0·2	−0·2	−0·1	+0·1	0·0	−0·1
Malta, 8 h. (1)	−0·6	−0·7	−0·7	−0·7	−0·8	−0·8	−0·9	−0·8	−0·8	−0·8	−0·7	−0·6	−0·7
Naples for Catania, ¼ (7+9+15+21) (2)	0·0	0·0	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	−0·1	−0·1	−0·1
Athens, 8 h. (1)	−0·3	−0·6	−0·4	−0·4	−0·4	−0·5	−0·4	−0·5	−0·3	−0·5	−0·5	−0·4	−0·4
Alexandria, 8 h. (1)	−0·4	−0·5	−0·5	−0·5	0·0	0·0	−0·1	−0·1	−0·4	−0·4	−0·5	−0·5	−0·3
Cairo (Helwan), 8 h. (5)	−0·8	−0·8	−0·8	−1·1	−0·8	−0·3	−0·9	−0·8	−0·9	−0·9	−0·9	−0·7	−0·8
Nicosia, 9 h. (1)	−0·8	−1·0	−0·8	−0·8	−0·7	−0·6	−0·7	−0·7	−0·7	−0·8	−1·0	−0·9	−0·8
Lenkoran, ⅓ (7+13+21) (1)	+0·1	0·0	−0·1	−0·1	−0·2	−0·2	−0·2	−0·2	−0·2	0·0	0·0	+0·1	−0·1
Quetta, 8 h. (6)	−0·9	−0·9	−1·1	−1·2	−1·2	−1·4	−1·3	−1·2	−1·4	−1·5	−1·4	−1·1	−1·2
Lahore, 8 h. (6)	−0·7	−0·6	−1·0	−1·2	−1·3	−1·6	−1·3	−1·5	−1·4	−1·4	−1·0	−0·9	−1·1
Simla, 8 h. (6)	−0·2	−0·2	−0·2	−0·4	−0·6	−0·5	−0·5	−0·4	−0·5	−0·5	−0·6	−0·4	−0·4
Leh, 8 h. (6)	−1·0	−0·9	−1·4	−1·3	−1·3	−1·6	−1·8	−1·7	−1·9	−1·7	−1·5	−1·2	−1·5
Dehra Dun, 8 h. (6)	−0·6	−0·5	−0·8	−1·1	−1·2	−1·3	−0·9	−0·7	−0·9	−1·0	−0·9	−0·7	−0·9
Zi-Ka-Wei for Hangkow, ⅓ (6+14+22) (7)	+0·3	+0·2	+0·2	+0·1	0·0	0·0	−0·1	0·0	0·0	+0·2	+0·2	+0·3	+0·1
Pekin for Tiensin, ⅓ (6+14+22) (8)	+0·3	+0·3	+0·1	0·0	−0·1	−0·1	−0·1	0·0	0·0	+0·1	+0·2	+0·3	+0·1
Zone 6.													
Nassau, Bahamas, ⅓ (8+15) (1) ..	+0·1	+0·1	0·0	+0·1	0·0	+0·1	+0·2	+0·2	+0·1	+0·2	+0·1	+0·1	+0·1
Dakhla Oasis, 8 h. (1)	−0·7	−0·3	−0·3	−0·4	−0·5	−0·5	−0·5	−0·4	−0·4	−0·3	−0·7	−0·5	−0·5
Wadi Halfa, 8 h. (1)	−1·2	−1·1	−1·5	−1·5	−1·1	−0·6	−1·3	−1·2	−0·7	−0·4	−1·3	−1·5	−1·1
Suez, 8 h. (1)	−0·8	−0·9	−0·9	−1·0	−1·0	−0·8	−0·9	−0·8	−0·8	−0·9	−0·8	−0·8	−0·9
Aswan, 8 h. (1)	−1·6	−1·6	−1·7	−1·5	−1·7	−1·3	−1·1	−1·1	−1·3	−1·3	−1·6	−1·6	−1·5
Bushire, 8 h. (6)	−0·8	−0·8	−0·9	−0·7	−0·8	−0·6	−0·5	−0·5	−0·7	−0·9	−1·0	−0·9	−0·7
Jask, 8 h. (6)	−1·2	−1·1	−1·1	−1·0	−1·0	−0·8	−0·6	−0·8	−1·0	−1·1	−1·3	−1·2	−1·0
Kurrachee, 8 h. (6)	−1·5	−1·5	−1·4	−1·3	−1·3	−0·9	−0·8	−1·0	−1·2	−1·4	−1·5	−1·5	−1·3
Hyderabad, Sind, 8 h. (6)	−1·3	−1·3	−1·5	−1·4	−1·5	−1·3	−1·1	−1·0	−1·2	−1·4	−1·4	−1·3	−1·3
Jaipur, 8 h. (6)	−1·1	−1·2	−1·5	−1·6	−1·8	−1·6	−1·2	−1·2	−1·4	−1·6	−1·3	−1·3	−1·4
Nagpur, 8 h. (6)	−1·7	−1·9	−2·1	−2·3	−2·2	−1·4	−1·2	−1·2	−1·5	−1·7	−1·8	−1·7	−1·7
Allahabad, 8 h. (6)	−1·5	−1·6	−1·9	−2·0	−1·9	−1·7	−1·2	−1·2	−1·6	−1·7	−1·7	−1·6	−1·6
Calcutta, 8 h. (6)	−1·6	−1·6	−1·7	−1·8	−1·5	−1·1	−0·9	−1·0	−1·2	−1·6	−1·7	−1·7	−1·5
Akyab, 8 h. (6)	−1·5	−1·5	−1·6	−1·7	−1·1	−0·8	−0·8	−0·9	−1·2	−1·4	−1·3	−1·5	−1·3
Phu Lien for Moncay, ½ (10+16) (9)	−0·3	−0·2	−0·2	−0·1	+0·1	+0·2	+0·2	+0·2	+0·1	−0·1	−0·1	−0·1	0·0
Zone 7.													
Mexico for Morelia and Oaxaca, ⅓ (7+14+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·2	0·0
Haiti for St. Croix, ⅓ (8+14+21) (1)	+0·1	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0
Haiti for Barbados, ½ (9+15) (1) ..	0·0	0·0	+0·1	+0·1	+0·2	+0·3	+0·3	+0·3	+0·3	+0·2	+0·1	0·0	+0·2
El Obeid, 8 h. (1)	−2·8	−2·1	−2·3	−1·0	−1·9	−1·8	−1·6	−0·8	−1·6	−2·0	−1·7	−0·9	−1·7
Khartoum, 8 h. (1)	−1·7	−1·6	−1·9	−2·0	−2·1	−2·0	−1·6	−1·6	−1·8	−1·7	−1·8	−1·7	−1·8
Aden, 8 h. (6)	−1·6	−1·7	−1·7	−1·5	−1·6	−2·0	−2·1	−2·2	−1·9	−1·4	−1·7	−1·3	−1·8
Bombay, 8 h. (6)	−2·0	−1·9	−2·0	−2·0	−1·8	−1·1	−1·0	−1·2	−1·6	−2·0	−2·2	−2·1	−1·8

TABLE I.—*Corrections to reduce Means of Pressure at various hours or combinations of hours to True Mean.*—continued.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Zone 7.—continued.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Mysore, 8 h. (6)	−1·7	−1·7	−1·9	−2·1	−1·8	−1·2	−1·0	−1·3	−1·5	−1·7	−1·6	−1·7	−1·6
Madras, 8 h. (6)	−1·5	−1·5	−1·7	−1·7	−1·6	−1·6	−1·5	−1·6	−1·8	−1·7	−1·5	−1·5	−1·6
Waltair, 8 h. (6)	−1·7	−1·6	−1·8	−1·8	−1·7	−1·2	−1·1	−1·2	−1·3	−1·6	−1·6	−1·7	−1·5
Port Blair, 8 h. (6)	−1·3	−1·2	−1·2	−1·3	−1·1	−0·9	−0·8	−0·9	−1·1	−1·2	−1·2	−1·3	−1·1
Rangoon, 8 h. (6)	−1·7	−1·9	−2·1	−2·2	−1·6	−1·0	−1·0	−1·0	−1·3	−1·8	−1·5	−1·8	−1·6
Zone 8.													
Cothin, 8 h. (6)	−1·9	−1·8	−1·8	−1·6	−1·2	−0·7	−0·7	−0·9	−1·2	−1·4	−1·6	−1·8	−1·4
Singapore, ⅓ (9+15+21) (2)	−0·2	−0·2	−0·2	−0·3	−0·2	−0·2	−0·2	−0·2	−0·2	−0·3	−0·2	−0·3	−0·2
Zone 9.													
Malden Island, ½ (9+20) (1)	−1·2	−1·0	−1·2	−1·2	−1·2	−0·8	−0·9	−1·0	−1·0	−1·1	−1·1	−1·0	−1·1
Zanzibar, 8 h. (6)	−2·1	−2·1	−1·6	−1·3	−1·1	−1·1	−1·1	−1·1	−1·3	−1·6	−1·5	−1·6	−1·5
Ocean Island, ½ (9+21) (1)	−1·4	−1·2	−1·4	−1·4	−1·4	−1·0	−1·2	−1·2	−1·3	−1·3	−1·3	−1·2	−1·3
Zone 10.													
Alofi, Niue Island, 9 h. (10)	−1·2	−1·3	−1·5	−1·4	−1·5	−1·5	−1·4	−1·6	−1·4	−1·4	−1·3	−1·2	−1·4
Tahiti, ⅓ (6+12+18) (10)	−0·5	−0·5	−0·5	−0·5	−0·6	−0·5	−0·6	−0·4	−0·5	−0·5	−0·4	−0·5	−0·5
St. Helena, 9 h. (1)	−1·2	−1·2	−1·3	−1·3	−1·3	−1·1	−1·1	−1·1	−1·0	−1·1	−1·2	−1·2	−1·2
Derby, ½ (9+15) (1)	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0
Hall's Creek, ½ (9+15) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2
Port Darwin, ½ (9+15) (1)	0·0	0·0	0·0	+0·1	+0·2	+0·1	+0·1	+0·1	0·0	0·0	−0·1	−0·1	0·0
Daly Waters, ½ (9+15) (1)	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3
Mein, ½ (9+15) (1)	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0
Georgetown, Queensland, ½ (9+15) (1)	+0·1	+0·1	+0·2	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2
Suva, Fiji, 9 h. (10)	−1·2	−1·3	−1·5	−1·4	−1·5	−1·5	−1·4	−1·6	−1·4	−1·4	−1·3	−1·2	−1·4
Zone 11.													
Onslow, ½ (9+15) (1)	−0·2	−0·2	−0·1	−0·1	−0·1	0·0	0·0	0·0	−0·1	−0·1	−0·1	−0·2	−0·1
Peak Hill, ½ (9+15) (1)	0·0	0·0	+0·1	+0·1	+0·2	+0·2	+0·3	+0·3	+0·2	+0·2	+0·1	+0·1	+0·1
Nullagine, ½ (9+15) (1)	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	0·0	+0·1
Laverton, ½ (9+15) (1)	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·4	+0·4	+0·4	+0·4	+0·3	+0·3	+0·3
Alice Springs, ½ (9+15) (1)	+0·6	+0·5	+0·7	+0·7	+0·8	+0·9	+0·9	+1·0	+1·0	+0·9	+0·9	+0·8	+0·8
William Creek, ½ (9+15) (1)	+0·3	+0·3	+0·2	+0·2	+0·3	+0·3	+0·4	+0·4	+0·4	+0·4	+0·4	+0·3	+0·3
Boulia, ½ (9+15) (1)	+0·4	+0·4	+0·5	+0·5	+0·6	+0·6	+0·7	+0·7	+0·7	+0·7	+0·6	+0·5	+0·6
Mitchell, ½ (9+15) (1)	0·0	+0·1	+0·1	+0·2	+0·3	+0·3	+0·4	+0·4	+0·5	+0·5	+0·3	+0·2	+0·3
Rockhampton, ½ (9+15) (1)	−0·2	−0·1	−0·1	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·1	−0·1	0·0
Brisbane, ½ (9+15) (1)	−0·2	−0·1	−0·1	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·1	−0·1	0·0
Zone 12.													
Cape Town, 8½ h. (1)	−0·5	−0·4	−0·2	−0·3	−0·3	−0·3	−0·2	−0·3	−0·4	−0·6	−0·6	−0·4	−0·4
Cape Leeuwin for Perth, ½ (9+15) (1)	−0·2	−0·3	−0·1	0·0	0·0	+0·1	+0·1	+0·1	0·0	−0·1	−0·2	−0·2	−0·1
Breaksea Island for Katanning, ½ (9+15) (1)	0·0	0·0	0·0	0·0	+0·1	+0·2	+0·1	+0·2	0·0	+0·1	+0·1	0·0	+0·1
Coolgardie, ½ (9+15) (1)	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2
Eucla, ½ (9+15) (1)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·2	+0·2
Streaky Bay, ½ (9+15) (1)	+0·1	+0·1	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·1	+0·1
Adelaide, ½ (9+15) (1)	0·0	0·0	−0·1	−0·1	0·0	0·0	+0·1	+0·1	+0·2	+0·2	+0·1	+0·1	0·0
Bourke, ½ (9+15) (1)	+0·1	+0·2	+0·2	+0·3	+0·4	+0·4	+0·5	+0·5	+0·5	+0·5	+0·4	+0·2	+0·3
Zone 13.													
Hobart, ½ (9+15) (1)	+0·2	+0·2	+0·2	+0·1	0·0	+0·1	+0·2	+0·1	+0·1	+0·2	+0·3	+0·3	+0·2
Hobart for Launceston, ½ (9+15) (1)	+0·2	+0·2	+0·2	+0·1	0·0	+0·1	+0·2	+0·1	+0·1	+0·2	+0·3	+0·3	+0·2

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TABLES FOR CONVERTING FROM BRITISH TO METRIC UNITS, AND *VICE VERSA*.

Table II.—Pressure. *Equivalents in Millibars of Inches of Mercury at 32° F. and 45° Latitude.*

For brevity, the fundamental equations may be written:—

g_{45} = 980·617 cm/sec².
density of mercury at normal freezing-point of water = 13·5955.
1 mercury-inch = 33·8632 millibars; 1 millimetre = 1·33320 millibars.
1000 millibars = 1 bar = 29·5306 mercury-inches = 750·076 millimetres.
using 1 inch = 2·54000 cm.

Inches and Tenths.	0	1	2	3	4	5	6	7	8	9
	Millibars.									
27·0	914·3	914·6	915·0	915·3	915·7	916·0	916·3	916·7	917·0	917·4
27·1	917·7	918·0	918·4	918·7	919·0	919·4	919·7	920·1	920·4	920·7
27·2	921·1	921·4	921·8	922·1	922·4	922·8	923·1	923·4	923·8	924·1
27·3	924·5	924·8	925·1	925·5	925·8	926·2	926·5	926·8	927·2	927·5
27·4	927·9	928·2	928·5	928·9	929·2	929·5	929·9	930·2	930·6	930·9
27·5	931·2	931·6	931·9	932·3	932·6	932·9	933·3	933·6	933·9	934·3
27·6	934·6	935·0	935·3	935·6	936·0	936·3	936·7	937·0	937·3	937·7
27·7	938·0	938·3	938·7	939·0	939·4	939·7	940·0	940·4	940·7	941·1
27·8	941·4	941·7	942·1	942·4	942·8	943·1	943·4	943·8	944·1	944·4
27·9	944·8	945·1	945·5	945·8	946·1	946·5	946·8	947·2	947·5	947·8
28·0	948·2	948·5	948·8	949·2	949·5	949·9	950·2	950·5	950·9	951·2
28·1	951·6	951·9	952·2	952·6	952·9	953·2	953·6	953·9	954·3	954·6
28·2	954·9	955·3	955·6	956·0	956·3	956·6	957·0	957·3	957·7	958·0
28·3	958·3	958·7	959·0	959·3	959·7	960·0	960·4	960·7	961·0	961·4
28·4	961·7	962·1	962·4	962·7	963·1	963·4	963·7	964·1	964·4	964·8
28·5	965·1	965·4	965·8	966·1	966·5	966·8	967·1	967·5	967·8	968·1
28·6	968·5	968·8	969·2	969·5	969·8	970·2	970·5	970·9	971·2	971·5
28·7	971·9	972·2	972·6	972·9	973·2	973·6	973·9	974·2	974·6	974·9
28·8	975·3	975·6	975·9	976·3	976·6	977·0	977·3	977·6	978·0	978·3
28·9	978·6	979·0	979·3	979·7	980·0	980·3	980·7	981·0	981·4	981·7
29·0	982·0	982·4	982·7	983·0	983·4	983·7	984·1	984·4	984·7	985·1
29·1	985·4	985·8	986·1	986·4	986·8	987·1	987·5	987·8	988·1	988·5
29·2	988·8	989·1	989·5	989·8	990·2	990·5	990·8	991·2	991·5	991·9
29·3	992·2	992·5	992·9	993·2	993·5	993·9	994·2	994·6	994·9	995·2
29·4	995·6	995·9	996·3	996·6	996·9	997·3	997·6	997·9	998·3	998·6
29·5	999·0	999·3	999·6	1000·0	1000·3	1000·7	1001·0	1001·3	1001·7	1002·0
29·6	1002·4	1002·7	1003·0	1003·4	1003·7	1004·0	1004·4	1004·7	1005·1	1005·4
29·7	1005·7	1006·1	1006·4	1006·8	1007·1	1007·4	1007·8	1008·1	1008·4	1008·8
29·8	1009·1	1009·5	1009·8	1010·1	1010·5	1010·8	1011·2	1011·5	1011·8	1012·2
29·9	1012·5	1012·8	1013·2	1013·5	1013·9	1014·2	1014·5	1014·9	1015·2	1015·6
30·0	1015·9	1016·2	1016·6	1016·9	1017·3	1017·6	1017·9	1018·3	1018·6	1018·9
30·1	1019·3	1019·6	1020·0	1020·3	1020·6	1021·0	1021·3	1021·7	1022·0	1022·3
30·2	1022·7	1023·0	1023·3	1023·7	1024·0	1024·4	1024·7	1025·0	1025·4	1025·7
30·3	1026·1	1026·4	1026·7	1027·1	1027·4	1027·7	1028·1	1028·4	1028·8	1029·1
30·4	1029·4	1029·8	1030·1	1030·5	1030·8	1031·1	1031·5	1031·8	1032·2	1032·5
30·5	1032·8	1033·2	1033·5	1033·8	1034·2	1034·5	1034·9	1035·2	1035·5	1035·9
30·6	1036·2	1036·6	1036·9	1037·2	1037·6	1037·9	1038·2	1038·6	1038·9	1039·3
30·7	1039·6	1039·9	1040·3	1040·6	1041·0	1041·3	1041·6	1042·0	1042·3	1042·6
30·8	1043·0	1043·3	1043·7	1044·0	1044·3	1044·7	1045·0	1045·4	1045·7	1046·0
30·9	1046·4	1046·7	1047·1	1047·4	1047·7	1048·1	1048·4	1048·7	1049·1	1049·4

	Thousandths of an Inch.								
Inch	·001	·002	·003	·004	·005	·006	·007	·008	·009
Millibars	·0	·1	·1	·1	·2	·2	·2	·3	·3

TABLE III.—PRESSURE. *Equivalents in Millibars of Millimetres of Mercury at 0° C. and 45° Latitude.*

Millimetres.	0	1	2	3	4	5	6	7	8	9
	Millibars.									
700	933·2	934·6	935·9	937·2	938·6	939·9	941·2	942·6	943·9	945·2
710	946·6	947·9	949·2	950·6	951·9	953·2	954·6	955·9	957·2	958·6
720	959·9	961·2	962·6	963·9	965·2	966·6	967·9	969·2	970·6	971·9
730	973·2	974·6	975·9	977·2	978·6	979·9	981·2	982·6	983·9	985·2
740	986·6	987·9	989·2	990·6	991·9	993·2	994·6	995·9	997·2	998·6
750	999·9	1001·2	1002·6	1003·9	1005·2	1006·6	1007·9	1009·2	1010·6	1011·9
760	1013·2	1014·6	1015·9	1017·2	1018·6	1019·9	1021·2	1022·6	1023·9	1025·2
770	1026·6	1027·9	1029·2	1030·6	1031·9	1033·2	1034·6	1035·9	1037·2	1038·6
780	1039·9	1041·2	1042·6	1043·9	1045·2	1046·6	1047·9	1049·2	1050·6	1051·9

Tenths of a Millimetre.									
Millimetre.	0·1	0·2	0·3	0·4	0·5	0·6	0·7	0·8	0·9
Millibars.	0·1	0·3	0·4	0·5	0·7	0·8	0·9	1·1	1·2

TABLE IV.—TEMPERATURE. *Degrees Fahrenheit to Degrees Absolute.*

The equations are $A = 273 + \frac{5}{9}(F - 32)$, $F = 32 + \frac{9}{5}(A - 273)$.

Degrees Fahrenheit.	0	1	2	3	4	5	6	7	8	9
	Degrees Absolute.									
−100	199·7	199·1	198·6	198·0	197·4	196·9	196·3	195·8	195·2	194·7
90	205·2	204·7	204·1	203 6	203·0	202·4	201·9	201·3	200·8	200·2
80	210·8	210·2	209·7	209·1	208·6	208·0	207·4	206·9	206·3	205·8
70	216·3	215·8	215·2	214·7	214·1	213·6	213·0	212·4	211·9	211·3
60	221·9	221·3	220·8	220·2	219·7	219·1	218·6	218·0	217·4	216·9
50	227·4	226·9	226·3	225·8	225·2	224·7	224·1	223·6	223·0	222·4
40	233·0	232·4	231·9	231·3	230·8	230·2	229·7	229·1	228·6	228·0
30	238·6	238·0	237·4	236·9	236·3	235·8	235·2	234·7	234·1	233·6
20	244·1	243 6	243·0	242·4	241·9	241·3	240·8	240·2	239·7	239·1
10	249·7	249·1	248·6	248·0	247·4	246·9	246·3	245·8	245·2	244·7
− 0	255·2	254·7	254·1	253·6	253·0	252·4	251·9	251·3	250·8	250·2
+ 0	255·2	255·8	256·3	256·9	257·4	258·0	258·6	259·1	259·7	260·2
10	260·8	261·3	261·9	262·4	263·0	263·6	264·1	264·7	265·2	265·8
20	266·3	266·9	267·4	268·0	268·6	269·1	269·7	270·2	270·8	271·3
30	271·9	272·4	273·0	273·6	274·1	274·7	275·2	275·8	276·3	276·9
40	277·4	278·0	278·6	279·1	279·7	280·2	280·8	281·3	281·9	282·4
50	283·0	283·6	284·1	284·7	285·2	285·8	286·3	286·9	287·4	288·0
60	288·6	289·1	289·7	290·2	290·8	291·3	291·9	292·4	293·0	293·6
70	294·1	294·7	295·2	295·8	296·3	296·9	297·4	298·0	298·6	299·1
80	299·7	300·2	300·8	301·3	301·9	302·4	303·0	303·6	304·1	304·7
90	305·2	305·8	306·3	306·9	307·4	308·0	308·6	309·1	309·7	310·2
100	310·8	311·3	311·9	312·4	313·0	313·6	314·1	314·7	315·2	315·8
110	316·3	316·9	317·4	318·0	318·6	319·1	319·7	320·2	320·8	321·3
120	321·9	322·4	323·0	323·6	324·1	324·7	325·2	325·8	326·3	326·9
+130	327·4	328·0	328·6	329·1	329·7	330·2	330·8	331·3	331·9	332·4

Tenths of a Degree.									
Degrees Fahrenheit.	0·1	0·2	0·3	0·4	0·5	0·6	0·7	0·8	0·9
Degrees Absolute.	0·1	0·1	0·2	0·2	0·3	0·3	0·4	0·4	0·5

TABLE V.—RAINFALL. *Inches to Millimetres.*

Inches.	0	1	2	3	4	5	6	7	8	9
	Millimetres.									
0·0	0·00	0·25	0·51	0·76	1·02	1·27	1·52	1·78	2·03	2·29
0·1	2·54	2·79	3·05	3·30	3·56	3·81	4·06	4·32	4·57	4·83
0·2	5·08	5·33	5·59	5·84	6·10	6·35	6·60	6·86	7·11	7·37
0·3	7·62	7·87	8·13	8·38	8·64	8·89	9·14	9·40	9·65	9·91
0·4	10·16	10·41	10·67	10·92	11·18	11·43	11·68	11·94	12·19	12·45
0·5	12·70	12·95	13·21	13·46	13·72	13·97	14·22	14·48	14·73	14·99
0·6	15·24	15·49	15·75	16·00	16·26	16·51	16·76	17·02	17·27	17·53
0·7	17·78	18·03	18·29	18·54	18·80	19·05	19·30	19·56	19·81	20·07
0·8	20·32	20·57	20·83	21·08	21·34	21·59	21·84	22·10	22·35	22·61
0·9	22·86	23·11	23·37	23·62	23·88	24·13	24·38	24·64	24·89	25·15
1·0	25·40	25·65	25·91	26·16	26·42	26·67	26·92	27·18	27·43	27·69
1·1	27·94	28·19	28·45	28·70	28·96	29·21	29·46	29·72	29·97	30·23
1·2	30·48	30·73	30·99	31·24	31·50	31·75	32·00	32·26	32·51	32·77
1·3	33·02	33·27	33·53	33·78	34·04	34·29	34·54	34·80	35·05	35·31
1·4	35·56	35·81	36·07	36·32	36·58	36·83	37·08	37·34	37·59	37·85
1·5	38·10	38·35	38·61	38·86	39·12	39·37	39·62	39·88	40·13	40·39
1·6	40·64	40·89	41·15	41·40	41·66	41·91	42·16	42·42	42·67	42·93
1·7	43·18	43·43	43·69	43·94	44·20	44·45	44·70	44·96	45·21	45·47
1·8	45·72	45·97	46·23	46·48	46·74	46·99	47·24	47·50	47·75	48·01
1·9	48·26	48·51	48·77	49·02	49·28	49·53	49·78	50·04	50·29	50·55
2·0	50·80	51·05	51·31	51·56	51·82	52·07	52·32	52·58	52·83	53·09

ADDITIONS AND CORRECTIONS.

January.
438*a*. Zurich . . . T., *insert* mean max. 276·5 ; mean min. 271·5 ; mean 274·0.
543. Cairo . . . T. true mean, *insert 285·9*.
923. Manaos . . . R. diff., *for* +100, *read* +109.

February.
209. Dawson . . . P., *for* 983·0, 1027·3, +6·6, *read* 981·4, 1025·7, +5·0.
438*a*. Zurich . . . T., *insert* mean max. 279·4 ; mean min. 270·3 ; mean 274·9.
543. Cairo . . . T. true mean, *insert 286·7*.

March.
438*a*. Zurich . . . T., *insert* mean max. 286·3 ; mean min. 274·9 ; mean 280·6.
543. Cairo . . . T. true mean, *insert 288·8*.

April.
438*a*. Zurich . . . T., *insert* mean max. 287·3 ; mean min. 276·5 ; mean 281·9.
543. Cairo . . . T. true mean, *insert 294·4*.

May.
438*a*. Zurich . . . T., *insert* mean max. 292·4 ; mean min. 280·1 ; mean 286·3
543. Cairo . . . T. true mean, *insert 296·3*.

June.
438*a*. Zurich . . . T., *insert* mean max. 294·6 ; mean min. 283·7 ; mean 289·2.
543. Cairo . . . T. true mean, *insert 298·3*.

July.
438*a*. Zurich . . . T., *insert* mean max. 293·8 ; mean min. 283·5 ; mean 288·7.

August.
438*a*. Zurich . . . T., *insert* mean max. 295·9 ; mean min. 283·9 ; mean 289·9.

September.
438*a*. Zurich . . . T., *insert* mean max. 292·0 ; mean min. 282·3 ; mean 287·2.

October.
438*a*. Zurich . . . T., *insert* mean max. 288·4 ; mean min. 279·4 ; mean 283·9.

RÉSEAU MONDIAL, JANUARY 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JANUARY 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. — JANUARY—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	1000·0	1000·9	..	..	..	..	..	..	..	..	..	*248·4*	2	..
124																		
125	Upernivik	72 47	W56 7	18·9	996·8	999·3	− 6·4	..	..	..	251·6	243·7	7th, 21st	..	+2·9	*254·1*	0	− 13
126																		
139	Spitsbergen	78 2	E 14 14	11·4	1010·3	1010·8	+ 3·0	..	275·6	11th	251·4	232·9	2nd	..	..	257·3	39	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1011·2	1012·0	+ 9·4	..	280·4	9th	268·2	258·8	20th	..	+1·5	*270·9*	63	+ 13
142	Mehavn	71 1	27 47	6·4	1010·8	1011·6	..	..	278·3	9th	267·9	260·9	19th	..	..	*270·7*	39	− 37
143	Vardö	70 22	31 8	10·0	1011·5	1012·8	+ 8·4	..	277·0	10th	266·4	261·5	19th	..	+2·2	*269·6*	27	− 43
147																		
148	Malye Karmakouly	72 23 N.	52 43 E.	14·8	1009·4	1011·4	+ 4·2	..	273·6	10th	251·7	232·9	29th	255·9	−1·0	*255·9*	9	+ 2

Between Latitude 70° N. and 60° N. — JANUARY—ZONE 2.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
203		N.	W.															
204	Nome	64 30	165 24	4·6	1013·2	1013·9	..	258·0	273·0	31st	251·1	238·0	2nd	254·6	..	..	9	..
205																		
206	Tanana	65 12	152 0	?	1009·5	..	..	245·7	259·7	31st	238·2	228·0	1st	242·2	..	..	10	..
207																		
208	Valdez	61 6	146 13	3·1	1009·1	1009·5	..	266·4	272·4	sev. dates	259·1	245·8	3rd	262·8	..	..	102	..
209	Eagle	64 46	141 12	248·4	987·5	1021·3	..	245·0	259·7	31st	236·2	221·9	18th	240·6	..	..	16	+ 7
210	Dawson	64 4	139 20	328	..	1028·8	+ 4·4	240·8	255·8	26th	234·7	220·8	22nd	237·7	−4·2	..	17	− 6
211	Carcross	60 11	134 34	662	..	..	..	256·9	277·4	31st	247·3	231·3	17th	252·1	..	..	36	..
212																		
213	Fort Simpson	61 52	120 43	129	1007·5	1026·3	..	243·3	253·6	15th	233·2	221·9	19th	238·3	−6·3	*238·6*	15	− 3
214	Hay River	60 51	115 20	161	1001·0	1024·1	..	246·5	260·8	2nd	234·3	221·9	20th	240·4	−5·5	..	14	..
	Fort Resolution	61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	15	..
225																		
226	Jacobshavn	69 13	51 2	12·6	994·0	995·6	− 8·1	262·8	275·3	28th	257·0	248·2	5th	259·9	+6·1	*259·9*	20	+ 11
229	Godthaab	64 11	51 44	9·0	988·4	989·6	− 9·5	266·2	275·7	28th	261·5	255·6	3rd	263·9	+0·8	*263·6*	10	− 33
230	Angmagsalik	65 37	37 34	31·7	988·6	992·6	− 3·8	269·0	277·1	11th	262·5	249·2	23rd	265·8	..	*265·7*	93	..
231																		
232	Stykkisholm	66 5	22 46	11·3	989·2	990·7	− 8·8	274·7	279·5	11th	270·4	262·5	24th, 25th	272·6	+2·0	*272·8*	46	− 24
233	Vestmanno	63 26	20 15	7·7	987·4	988·2	−11·8	278·2	281·4	9th	273·1	266·8	31st	275·7	+1·9	*275·9*	230	+119
234	Grimsey (Akureyri)	66 33	17 58	22·0	994·8	997·6	− 4·2	274·2	277·9	9th	269·7	261·4	25th	272·0	+1·2	*272·1*	2	− 23
235	Berufjord	64 40	14 19	18·0	992·8	995·0	− 5·4	276·7	281·4	9th	271·3	260·3	25th	274·0	+2·4	*274·0*	252	+137
236	Thorshavn	62 3	6 45	25·7	997·0	1000·1	− 4·6	278·7	281·3	7th, 8th	275·5	267·8	25th	277·1	+1·1	*277·4*	134	− 49
	Lerwick	60 9	W 1 8	18·0	1003·8	1006·1	− 0·7	278·7	281·9	7th	275·8	272·4	22nd	277·3	+0·4	*277·7*	126	..
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1007·6	1013·2	+ 2·9	..	281·7	9th	271·3	265·1	29th	..	−0·7	*273·5*	127	− 76
239	Christiansund	63 7	7 45	17·8	1009·9	1012·1	+ 4·9	..	284·0	8th	271·8	267·0	22nd	..	−0·2	*274·4*	36	− 76
240	Trondhjem	63 26	10 25	39·5	1010·0	1015·1	+ 6·8	..	280·7	5th	265·9	258·2	28th	..	−1·8	*268·6*	10	− 96
241	Bodö	67 17	14 24	20·5	1010·6	1013·2	+ 8·0	..	278·4	8th	268·5	261·0	24th	..	−0·7	*270·7*	40	− 50
242	Haparanda	65 50	24 9	9·2	1016·9	1018·1	+ 7·4	264·8	273·5	5, 6, 9	256·9	244·0	28th	260·9	−0·8	*260·9*	17	− 22
	Helsingfors	60 10	24 57	11·7	..	1020·8	+ 7·7	..	277	..	..	255	..	267·5	+1·1	*267·4*	13	− 27
242a																		
243	Kuopio	62 54	27 40	99·7	..	1020·2	+ 7·8	..	276	..	..	247	..	265·6	+2·5	*265·5*	26	..
244	Kola	68 53	33 1	6·7	1014·6	1015·4	+ 7·9	265·5	273·0	7th	257·2	245·6	24th	261·4	+0·5	*261·7*	12	+ 5
245	Petrozavodsk	61 47	34 23	38·9	..	1019·9	+ 4·7	..	276·1	7th	..	255	..	265·2	+2·4	*265·1*	..	..
246	Arkhangelsk	64 33	40 32	6·7	..	1017·5	+ 5·1	..	274	..	..	246	..	261·2	+1·8	*261·1*	13	− 8
247	Velsk	61 5	42 7	? 83	1007·9	1018·9	..	264·5	273·6	8th	256·1	237·1	1st	260·3	..	*261·0*	..	..
248	Oust-Tsylma	65 27	52 10	? 25	..	1015·1	+ 3·4	..	272	..	..	227	..	254·8	+0·1	*254·7*	..	..
	Troitsko-Petcherskoe	62 42	56 13	? 123	999·8	1016·6	..	..	269·2	11th	245·0	228·6	31st	252·0	..	*251·9*	32	..
249																		
250	Berezov	63 56	65 4	39·9	1008·8	1014·3	− 3·2	..	264·8	17th	245·1	226·5	31st	250·2	+0·5	*250·1*	12	− 1
251	Obdorsk	66 31	66 35	23·7	1009·6	1012·8	− 1·2	..	267·0	10th	241·7	225·5	30th	246·8	−0·1	*246·7*	9	+ 2
252	Sourgout	61 15	73 24	? 40	1009·6	1015·2	− 2·6	..	261·5	27th	241·4	227·9	19th	247·6	−1·2	*247·4*	26	+ 12
253																		
254	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Doudinka	69 7	87 0	? 20	1008·4	1011·2	..	..	255·7	4th	233·1	216·3	31st	237·4	..	*237·4*	7	..
261																		
262	Olekminsk	60 22	120 26	? 135	1003·9	1023·6	− 7·3	..	258·9	30th	232·4	221·3	11th	236·9	0·0	*236·7*	9	..
263	Iakoutsk	62 1	129 43	? 108	1010·8	1027·1	− 5·1	..	247·2	30th	..	..	..	230·7	+0·3	*230·5*	0	− 5
264	Verkhoïansk	67 33	133 24	? 100	1004·3	1019·8	− 3·2	..	250·6	30th	219·6	213·7	18th	223·4	+0·8	*223·3*	2	− 2
	Oust-Malakoe	60 25	134 29	? 100	..	..	..	..	242·8	..	225·1	217·9	..	229·7	..	*229·5*	1	..
272																		
	Novo-Mariinskii Post	64 45 N. ° ′	177 33 E. ° ′	5·2	1016·6	1017·3	..	..	267·0	16th	242·3	226·2	3rd	246·2	..	..	3	..
				metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JANUARY—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1008·4	..	275·7	279·7	14th	270·9	264·1	1st	273·3	..	..	106	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	1006·1	1009·5	+ 4·5	274·4	280·8	31st	268·8	258·6	17th	271·6	— 1·3	..	265	— 44
310	Prince Rupert	54 18	130 18	52	..	1010·1	..	274·3	284·7	31st	269·1	257·4	18th	271·7	..	..	288	..
311	Barkerville	53 2	121 35	1274	..	1013·9	..	263·2	274·7	27th	256·3	234·7	12th	259·7	—5·8	*259·7*	191	+ 122
312	Kamloops	50 41	120 29	380	..	1018·6	— 2·0	266·5	277·4	25th	259·8	246·3	13th	263·2	—5·8	*263·2*	37	+ 12
313	Calgary	51 2	114 2	1033	..	1015·9	— 4·1	265·9	284·1	..	253·9	239·7	..	259·9	—2·4	*259·9*	34	+ 23
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	..	1016·2	— 2·1	253·1	278·0	28th	243·7	229·9	20th	248·3	—5·1	*248·5*	20	— 2
316	Qu'Appelle	50 30	103 47	645	..	1016·6	— 1·7	257·2	277·4	28th	246·6	230·8	20th	251·8	—4·5	*252·0*	28	+ 17
317	Minnedosa	50 15	99 50	518	..	1017·6	..	256·1	274·1	29th	245·3	233·9	6th	250·7	—4·2	*251·0*	21	— 1
318	Berens River	52 18	97 23	216	..	..	..	252·7	267·4	..	239·5	226·3	..	246·1	..	*246·5*	36	+ 13
318a	York Factory	57 0	92 28	11	1014·6	1016·1	— 0·5	..	..	..	237·9	230·2	6th	..	..	..	33	..
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	1015·1	1016·4	..	260·4	273·0	1st	244·9	231·9	8th	252·7	—0·3	..	67	+ 41
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1009·8	..	..	250·0	263·6	5th	241·7	233·6	27th, 28th	245·9	..	..	9	— 17
326	Point Riche	50 42	57 25	10·7	..	..	..	..	270·8	..	..	246·9	..	261·6	—0·7	..	56	— 15
327	Belle Isle	51 53	55 23	133	992·1	1009·6	— 1·1	264·3	275·8	4th	254·4	243·0	29th	259·4	—0·5	..	37	..
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	999·1	1000·8	—13·1	281·8	284·1	9th	277·3	272·4	26th	279·6	—0·4	279·8	269	+138
335	Aberdeen	57 10	2 6	27·4	1002·6	1005·8	— 4·9	278·4	283·0	7th	275·0	269·1	14th	276·7	+0·6	276·8	72	+ 17
336	Greenwich	51 28	W 0 0	48·5	1003·0	1009·7	— 6·5	280·8	284·1	23rd	275·2	269·7	13th	278·0	+1·4	278·1	67	+ 20
337	Uccle	50 48	E 4 22	100	1000·5	1012·9	— 4·1	279·7	283·2	4th	274·5	268·8	11th	277·1	+2·3	277·0	75	+ 27
338	De Bilt	52 6	5 11	3·0	1012·5	1012·9	— 5·0	277·9	282·7	24th	272·7	267·8	14th	275·3	0	275·3	74	+ 4
338a	Hamburg	53 33	9 59	26·0	1013·0	1016·2	— 1·4	275·5	279·5	7th	271·9	265·0	30th	273·7	+0·5	*273·5*	52	— 18
339	Copenhagen	55 41	12 36	5·0	1017·4	1018·1	+ 3·0	274·6	279·0	2nd	271·9	264·8	28th	273·3	+1·1	*273·5*	26	— 19
340	Potsdam	52 23	13 4	84·9	1007·7	1018·5	+ 1·2	274·7	281·0	25th	269·8	260·5	30th	272·2	—0·5	272·0	22	— 23
340a	Upsala	59 51	17 38	24·0	1017·2	1020·2	+ 7·4	270·7	278·1	1st	266·8	254·3	22nd	268·8	—0·1	268·9	11	— 14
341	Warsaw	52 15	21 1	120	..	1022·3	+ 3·4	..	278	..	..	256	..	269·8	+1·1	*269·7*	15	— 6
342	Jurjev	58 23	26 43	74·5	..	1021·8	+ 6·0	..	276	..	..	247	..	265·5	+0·1	*265·4*	29	— 10
343	Petrograd	59 56	30 16	4·8	..	1021·2	+ 5·6	..	276	..	..	255	..	267·0	+3·3	*266·9*	7	— 17
344	Kiev	50 27	30 30	182·9	..	1022·2	+ 0·9	..	276	..	..	255	..	268·1	+1·4	*268·0*	12	— 14
344a	Moscow	55 45	37 34	156	..	1021·4	+ 0·9	..	276	..	..	247	..	264·0	+2·0	*264·0*	16	— 14
345	Saratov	51 32	46 3	59·9	..	1019·8	— 2·4	..	275	..	..	248	..	264·8	+3·1	*264·7*	44	+ 14
346	Kazan	55 47	49 8	79·8	..	1018·8	— 4·0	..	274	..	..	241	..	261·8	+2·7	*261·7*	28	+ 14
347	Orenburg	51 45	55 6	114·1	..	1021·4	— 5·2	..	273	..	..	245	..	264·0	+6·7	*263·8*	37	+ 40
348	Perm	58 1	56 15	163·0	..	1017·8	— 2·5	..	269	..	..	234	..	258·2	+1·2	*258·0*	55	— 27
349	Ekaterinburg	56 50	60 38	288·9	..	1019·0	— 4·9	..	270	..	..	237	..	257·7	+1·2	*257·5*	35	+ 8
350	Tobolsk	58 12	68 14	108·3	1004·0	1018·8	..	..	267·0	3rd	249·1	234·1	31st	253·2	—1·0	*253·0*	24	+ 3
351	Akmolinsk	51 12	71 23	? 347	980·3	1025·8	— 5·0	..	269·6	5th	254·0	244·5	9th	259·1	+4·6	*258·9*	29	+ 3
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	21	— 5
353	Barnaoul	53 20	83 47	162·2	1006·0	1027·8	— 4·5	..	270·2	30th	251·6	236·8	10th	257·3	+3·4	*257·0*	35	— 1
354	Tomsk	56 30	84 58	121·6	1007·0	1023·6	— 5·8	..	269·0	30th	249·8	236·8	20th	254·3	+0·8	*254·1*	20	— 7
355	Minousinsk	53 43	91 41	? 245	995·1	1028·0	..	..	271·2	17th	249·3	232·5	10th	255·3	..	*255·0*	3	— 7
356	Eniseisk	58 27	92 11	84·4	1010·3	1021·9	— 9·3	..	270·5	31st	246·5	227·4	21st	253·2	+3·7	*253·0*	11	— 1
357	Irkutsk	52 16	104 19	467·0	967·9	1030·1	— 5·1	..	269·4	31st	246·9	236·0	3rd	252·6	—0·6	*252·3*	6	..
358	Kirensk	57 47	108 7	? 263	990·6	1026·5	..	..	272·5	31st	243·8	226·7	23rd	249·9	..	*249·7*	15	..
359	Tchita	52 2	113 30	663·7	943·0	1032·9	..	..	266·2	31st	238·6	230·8	24th	244·2	..	..	1	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	961·9	1029·8	..	..	270·8	31st	236·4	224·1	12th	241·4	..	*241·2*	23	+ 20
360a	Nertchinsk	51 59	116 35	484·3	965·0	1032·6	..	..	265·9	31st	235·3	227·9	13th	240·4	+0·6	*240·1*	2	..
361	Tygan Ourkan	54 5	124 46	? 359	977·4	1027·1	..	251·7	259·0	5th	235·5	227·1	2nd, 15th	243·6	..	*242·7*	3	..
362	Blagoveshchensk	50 15	127 38	133·6	1008·2	1028·1	..	..	254·9	9th	238·8	232·2	14th	244·4	—1·7	*244·2*	4	..
363	Paikanskii Sklad	50 11	130 7	? 145	..	..	..	..	253·4	31st	233·2	228·8	14th	240·3	..	*240·1*	? 2	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1014·4	1017·3	— 0·3	..	262·2	1st	243·2	237·8	14th	248·3	—1·7	*248·1*	5	— 13
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	989·5	1000·8	— 1·1	265·0	271·7	6th	258·8	249·8	19th	261·9	—2·2	..	41	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

JANUARY—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	..	1016·6	—0·7	277·7	283·0	25th	272·9	266·9	19th	275·3	—2·2	275·4	115	— 0
412	Portland, Oregon	45 32	122 41	46·6	1014·5	1020·0	+1·4	279·1	285·2	2nd	274·1	267·4	5th	276·4	—0·5	*276·1*	159	— 5
413	Macleod	49 44	113 24	954	..	..	..	266·3	280·8	28th, 29th	256·4	238·6	20th	261·4	—5·1	*261·4*	28	+ 17
414	Helena	46 34	112 4	1253	870·0	1017·3	—3·7	271·3	283·0	28th	260·8	245·8	13th	266·1	—0·2	*266·1*	20	— 3
414a	Salt Lake City	40 46	111 54	1329	869·0	1021·3	+0·3	274·1	282·4	15th	266·3	254·1	7th	270·2	—1·1	*270·0*	21	— 13
415	Cheyenne	41 8	104 48	1856	808·4	1017·3	—0·3	274·7	285·2	14th	263·0	240·8	6th	268·8	—0·7	*268·6*	14	+ 5
416	North Platte	41 8	100 45	859	916·3	1019·6	—0·3	275·8	291·3	29th	261·3	247·4	6th	268·4	+1·3	*268·1*	4	— 8
416a	Bismarck	46 47	100 38	510·6	955·3	1019·6	—0·7	264·7	278·6	28th	252·4	234·7	12th	258·6	—0·6	*258·9*	9	— 5
417	Winnipeg	49 53	97 7	231·6	..	1018·6	—1·7	255·6	271·3	1st	246·8	237·9	6th	251·5	—2·3	*251·9*	19	— 6
418	Duluth	46 47	92 6	345·1	972·9	1016·6	—2·4	264·1	276·3	1st	253·2	239·7	12th	258·7	—2·3	*258·8*	19	— 5
419	Port Arthur	48 27	89 12	196·3	..	1015·9	—2·7	263·0	275·8	1st	251·9	240·8	12th	257·4	—1·7	*257·4*	14	— 4
420	Chicago	41 53	87 37	250·9	986·4	1017·6	—1·7	275·8	285·8	17th	267·4	255·2	12th	271·5	+3·1	*271·6*	34	— 18
421	Toronto	43 40	79 24	106·7	..	1017·3	—1·0	276·2	283·9	17th	269·0	257·3	9th	272·6	+4·7	*272·1*	111	+ 52
422	New York	40 43	74 0	95·7	1008·4	1020·3	+1·0	281·9	289·1	12th	273·0	265·2	9th	277·4	+5·4	*278·1*	70	— 25
423	St. John, N.B.	45 17	66 4	21·3	..	1017·9	+2·0	275·8	283·8	3rd	266·2	254·7	10th, 29th	270·9	+4·8	*271·1*	108	— 7
424	S. W. Point, Anticosti	49 24	63 35	12·2	1012·6	1014·2	+1·7	268·8	277·4	3rd	260·6	255·2	7, 23, 30	264·7	..	..	145	..
425	Sable Island (Main Station)	43 57	60 6	7·6	..	1018·3	..	278·5	284·7	4th	270·1	263·0	10th	274·3	..	..	166	+ 25
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1012·5	+1·3	272·1	285·8	4th	263·2	254·1	10th	267·6	—1·1	..	96	— 64
435	Madrid	40 24	3 41	655·4	943·7	1021·7	—0·2	283·9	289·7	31st	275·0	270·0	19th	279·5	+1·5	278·9	55	+ 21
436	Nantes	47 15	W 1 34	41·4	1008·0	1013·1	—5·7	283·2	286·2	25th	278·1	273·8	13th	280·7	+2·6	*280·4*	170	+112
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1007·6	1013·9	—4·4	281·6	285·2	5th	276·0	271·0	27th	278·8	+3·3	*278·6*	71	+ 35
438	Marseilles	43 18	5 23	75·0	1008·4	1017·6	+0·6	286·1	289·0	26th	278·9	274·0	26th	282·5	+2·5	*281·8*	20	— 18
438a	Zürich	47 23	8 33	493·2	959·2	1019·5	—2·2	..	..	24th	..	268·4	6th	..	+2·1	273·7	71	+ 22
439	Rome	41 54	12 29	63·4	..	1018·6	+1·5	285·2	288	18th	278·1	273	10th	281·6	+1·3	*281·2*	69	— 10
440	Vienna	48 15	16 22	202·5	995·4	1021·0	+0·7	273·2	281·0	25th	269·2	259·1	15th	271·2	+0·4	271·2	29	— 8
440a	Buda-Pesth	47 30	19 2	129·6	1006·1	1022·7	+1·0	273·4	280·3	25th	268·8	258·5	15th	271·1	+0·2	*270·9*	41	+ 2
441	Bucharest	45 25	26 6	82	1012·8	1023·4	+2·1	..	279·5	26th	..	256·9	16th	270·0	+0·9	..	37	+ 6
442																		
443	Odessa (University)	46 29	30 46	65·3	..	1022·6	+0·8	272·8	280·6	3rd	269·0	257·4	31st	270·9	+1·2	*271·0*	32	+ 8
444	Kharkov (University)	50 0	36 14	140	..	1022·4	+0·7	..	275	..	..	253	..	267·1	+2·4	*267·0*	18	— 7
444a	Novorossiisk	44 40	37 49	37	..	1019·8	—0·4	..	283	..	..	261	..	274·3	—0·5	*274·2*	114	+ 9
445	Tiflis	41 43	44 48	409	..	1022·6	—1·0	..	282	..	..	264	..	274·0	+0·8	*273·9*	7	— 8
446	Astrakhan	46 21	48 2	—14	..	1022·2	—2·4	..	277	..	..	256	..	269·4	+3·6	*269·2*	13	0
447	Fort Alexandrovsk	44 31	50 16	24	1017·9	1020·9	—3·4	..	279·3	28th	269·2	261·3	31st	271·4	+2·5	*271·3*	5	— 1
448	Krasnovodsk	40 0	52 59	—15	..	1022·2	—0·7	..	283	..	..	268	..	276·6	+1·9	*276·5*	..	..
449	Tachkent	41 20	69 18	479·2	966·4	1025·1	—2·0	279·1	287·0	30th	270·8	264·8	10th, 19th	275·0	+3·0	*274·7*	79	+ 41
450	Tourgay	49 38	63 27	? 130	1008·4	1025·6	..	..	271·8	5th	255·7	242·9	20th	260·7	..	..	23	..
451	Narynskoe	41 26	76 2	? 2015	797·9	..	..	..	271·0	4th	251·6	238·7	26th	257·7	+1·1	*257·5*	19	+ 9
452	Vernyi	43 16	76 53	824·8	926·4	1027·6	—0·8	273·1	283·0	30th	..	..	..	267·6	+3·3	*267·4*	52	+ 24
461	Mukden	41 48	123 23	43·8	1024·3	1030·2	+2·4	265·4	273·7	2nd	252·3	242·1	25th	258·9	—1·7	258·6	2	— 2
462	Joshin	40 40	129 11	4·0	1023·1	1023·6	+1·5	272·5	278·0	3rd	259·5	251·3	12th	266·0	—1·6	265·0	18	— 6
463	Vladivostok	43 7	131 54	26·8	1021·6	1025·2	+0·9	263·4	271·3	2nd	254·3	249·5	26th	258·9	—0·5	*258·7*	4	+ 2
464																		
465	Ochiai	47 20	142 44	6·6	1014·6	1015·5	..	261·8	269·6	29th	245·4	235·7	26th	253·6	..	254·4	14	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1010·3	1013·8	+2·7	268·7	276·0	30th	260·2	254·4	26th	264·4	—3·4	264·5	34	+ 10

Between Latitude 40° N. and 30° N.

JANUARY—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1015·6	1021·3	+1·7	285·2	293·0	31st	278·0	273·6	6th	281·6	—1·2	*281·4*	98	— 13
512	San Luis Obispo	35 18	120 39	61·3	1013·9	1021·7	+2·7	288·0	298·0	2nd	276·3	266·3	6th	282·2	—1·3	*282·0*	88	— 30
513	Modena	37 48	113 54	1670	834·0	1021·0	+1·7	275·8	288·6	3rd	260·8	247·4	7th	268·5	—2·0	*268·3*	8	— 10
514	San Diego	32 43	117 10	26·5	1016·9	1020·3	+2·0	288·0	298·6	3rd	278·6	269·1	7th	283·3	—1·9	*283·1*	30	— 20
515	Santa Fé	35 41	105 57	2138	784·9	1020·3	+3·0	275·2	282·4	4th	263·0	248·6	7th	269·0	—2·1	*268·7*	14	0
516	Denver	39 45	105 0	1613	833·7	1016·6	—1·0	278·6	288·0	28th	265·8	243·6	6th	272·1	+0·7	*271·8*	9	— 3
517	Abilene	32 23	99 40	529·6	957·3	1020·0	+1·0	286·3	297·4	17th	273·6	260·2	8th	279·8	+0·9	*279·6*	6	— 15
518	Saint Louis	38 38	90 12	172·8	997·6	1018·6	—2·0	279·7	290·8	19th	269·7	259·1	12th	274·6	+2·1	*274·5*	110	+ 53
519	Mobile	30 41	88 2	17·4	1018·9	1021·0	0·0	291·3	296·3	24th	283·0	275·2	28th	287·1	+4·2	*286·8*	109	— 15
520	Nashville	36 10	86 47	166·4	1001·0	1021·3	0·0	285·2	293·6	20th	275·2	269·7	8th	280·4	+4·1	*280·2*	312	+188
521	Charleston	32 47	79 56	14·6	1021·0	1022·7	+1·7	291·9	298·0	21st	283·6	275·8	4th	287·6	+5·0	*287·4*	25	— 64
522	Washington	38 54	77 3	34·1	1016·6	1021·0	+0·7	285·2	293·0	8th	274·1	268·6	14th	279·4	+5·9	*279·3*	72	— 13
523	Bermuda	32 17	64 46	46·0	1020·4	1025·9	+5·6	294·3	296·7	3rd	288·8	285·8	11th	291·6	+1·7	*291·5*	56	— 69
531	Horta	38 32	28 38	30	..	1018·4	—4·2	288·9	291	sev. dates	285·1	281	29th	287·0	—0·7	..	119	+ 48
532	Ponta Delgada	37 44	25 40	17	..	1018·8	—0·8	?288·9	291	10th, 24th	?284·8	282	7th	?286·8	?—0·3	..	75	— 31
533	Madeira (Funchal)	32 37	16 54	25	1020·0	1023·0	+1·8	291·4	293·3	29th	282·0	280·0	6th	286·7	—0·6	..	24	— 79
534	Lisbon	38 43	9 9	95·4	1008·9	1020·5	—1·2	287·5	289·0	23rd	283·2	279·0	22nd	285·3	+1·9	*285·2*	111	+ 21
535	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
536	Gibraltar	36 6 N.	5 21 W.	16·2	1020·3	1022·2	+2·7	289·6	294·7	28th	283·3	279·1	19th, 20th	286·5	+0·7	*286·4*	68	— 53
		° ,	° ,	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JANUARY—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1013·8	1018·4	−1·5	290·4	297·4	25th	284·0	280·9	11th	287·2	+1·4	*286·6*	37	−67
538	Palma	39 33	2 42	..	..	1019·9	+1·5	288·5	294	28th	281·7	278	19th	285·1	+2·3	..	38	−11
538*a*	Tunis	36 48	10 10	43	1018·8	1024·0	+4·9	287·8	292·6	30th	280·0	276·0	14th	283·9	+0·4	..	35	−25
539	Malta	35 54	14 31	59	..	1020·8	+3·1	288·5	290	sev. dates	284·4	282	20th	286·4	+1·2	..	60	−4
540	Catania	37 30	15 3	64·9	..	1020·2	+2·8	287·8	290·3	18th	281·5	278·3	21st	284·7	+1·5	..	91	−36
541	Athens	37 58	23 43	107·1	..	1021·1	+2·4	285·3	290	19th, 22nd	279·0	275	9th	282·2	+0·6	*282·0*	16	−43
542	Alexandria	31 9	29 54	32·0	..	1021·2	+2·1	291·8	294	26th, 31st	284·2	281	11th	288·0	+0·8	*288·0*	12	
543	Cairo (Helwan)	29 52	31 20	115·6	..	1021·5	+1·3	291·3	293	27th	281·2	279	9th, 16th	286·2	+0·5	..	0	−8
544	Nicosia	35 12	33 24	22·1	..	1019·2	+1·3	286·6	289	sev. dates	274·1	272	16, 17, 23	280·4	−1·7	*282·7*	73	+7
544*a*	Beirut	33 54	35 28	52·4	..	1019·2	+1·5	288·6	291	24th	283·3	281	25th	286·0	−0·1	..	179	+52
545	Baghdad	33 21	44 28	38·7	1018·0	1022·9	+2·3	286·4	289·8	30th	276·6	273·0	16th	281·5	−1·1	..	47	−44
546	Lenkoran	38 46	48 52	−19	1023·8	1021·5	−1·5	..	281·3	1st	274·5	269·8	20th	276·9	+0·4	*276·8*	78	+48
547	Busrah	30 31	47 53	7·6	1020·7	1021·9	−0·5	286·9	291·1	26th	280·8	276·7	23rd	283·9	+0·1	..	71	..
548	Meshed	36 16	59 35	946	..	..	..	..	..	..	..	..	..	..	..	..	..	−38
549	Quetta	30 11	67 3	1677	836·4	..	+1·8	286·1	291·4	1st, 3rd	271·3	267·3	24th, 25th	278·7	+1·1	*278·3*	18	
550																		−28
551	Lahore	31 34	74 20	214	993·8	1020·1	+1·2	295·9	298·8	4th, 21st	278·3	275·3	23rd	287·1	+1·4	*286·0*	1	−47
551*a*	Simla	31 7	77 8	2204·8	783·0	..	+1·9	282·6	286·6	2nd	276·5	271·4	24th, 25th	279·6	+2·4	*279·2*	20	−53
552	Leh	34 10	77 42	3503	666·9	..	+2·1	269·3	272·7	22nd	257·3	251·9	26th	263·3	−2·7	*262·2*	9	
552*a*	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	4	−58
559	Hang Kow	30 35	114 17	37·0	1024·2	1028·8	+1·3	282·0	288·0	18th	274·2	269·9	29th	278·1	+0·2	*277·7*	15	−3
560	Tiensin	39 10	117 10	5·0	1029·7	1030·4	+1·9	272·5	277·8	17th	264·5	259·7	4th	268·5	−0·8	..	0	
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1026·7	+1·2	281·3	289·3	8th	273·1	266·0	30th	277·2	+0·4	276·6	54	−2
562	Jinsen (Chemulpo)	37 29	126 32	67·6	1018·5	1027·4	+2·7	272·3	279·5	3rd	264·5	258·4	5th	268·4	−2·0	268·3	7	−1
562*a*	Nagasaki	32 44	129 52	133·0	1007·2	1023·7	+1·9	282·7	289·6	20th	275·0	270·7	12th	278·9	−0·4	278·4	73	+1
563	Kioto	35 1	135 44	42·9	1016·2	1021·6	+2·0	281·3	285·9	16th	269·6	265·7	13th, 15th	275·4	−0·7	274·7	62	+2
564	Tokio	35 41	139 45	21·3	1015·2	1017·8	+1·5	280·5	286·5	29th	270·6	267·1	6th	275·5	−0·9	274·9	61	−9
565	Miyako	39 38	141 59	30·4	1012·6	1016·5	+1·5	277·0	283·4	4th	265·8	260·2	15th	271·4	−1·5	270·9	58	
566		N.	E.															

JANUARY—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1015·2	1016·6	+0·4	298·1	300·2	11th	292·1	289·1	31st	295·1	+0·7	..	34	−64
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1798·6	823·7	..	−0·4	..	299·1	16th	..	275·0	3rd	287·0	+0·1	..	37	+29
617	Galveston	29 18	94 50	16·5	1018·3	1020·3	0·0	288·6	294·1	20th	282·4	270·2	8th	285·6	+1·1	*285·6*	74	+23
618	New Orleans	29 58	90 4	15·5	1018·6	1020·6	+0·3	293·0	299·1	20th	284·1	277·4	9th	288·5	+3·8	*288·2*	145	
619	Havana	23 8	82 22	24·3	..	1019·9	+1·2	299·7	302·4	23rd	292·9	287·8	30th	296·3	+2·1	*296·2*	57	−5
620	Key West	24 33	81 48	6·7	1019·6	1020·3	+1·0	299·1	300·8	25th	294·1	288·6	4th	296·4	+3·0	*296·3*	41	+10
621	Nassau, Bahamas	25 5	77 21	7·6	..	1021·1	+1·8	298·8	300·5	1st	294·1	290·8	19th	296·5	+1·6	..	72	
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
634	Las Palmas, Canary Islands	28 7	W15 26	7	1021·6	1022·4	+2·3	295·3	300·0	26th	287·1	285·0	17th	291·2	+0·5	..	35	−9
637	Insalah	27 17	E 2 27	330	..	..	..	294·3	299·0	18th	279·8	275·5	5th	287·1	+1·8	*286·5*	0	
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1022·2	−0·5	?293·9	297	30th, 31st	277·4	273	9th	?285·6	−0·8	*?286·6*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1020·8	+1·2	296·3	301	6th	280·3	276	17th	288·3	−0·5	*288·3*	..	−7
643	Suez	29 57	32 32	3·4	..	1021·2	+2·7	292·9	296	31st	279·9	278	sev. dates	286·4	0·0	..	0	
644	Aswan	24 2	32 53	99·6	..	1020·6	+1·1	295·9	301	6th	281·9	279	3rd	288·9	−0·4	*288·6*	..	
647	Bushire	28 59	50 53	4	1019·1	1019·6	0·0	289·8	292·9	1st	283·3	279·1	6th	286·6	−0·8	..	78	+10
648	Jask	25 44	57 47	4	1018·7	1019·1	+0·1	297·6	299·6	5th	289·8	286·8	25th, 26th	293·7	+1·2	..	0	−20
649	Kurrachee	24 53	66 57	4	1018·6	1019·0	+1·1	298·8	300·8	1st	288·2	284·1	26th	293·5	+1·3	*293·3*	0	−19
650	Hyderabad, Sind	25 24	68 18	29	1015·8	1019·1	+1·0	299·6	303·0	20th	283·9	278·8	22nd	291·8	+1·3	..	0	−6
651	Jaipur	26 56	75 52	436	967·9	1020·3	+1·3	298·4	301·4	21st	281·3	276·4	23rd	289·8	+0·6	*289·0*	0	−12
652	Nagpur	21 8	79 5	310	982·5	1018·8	+1·4	301·7	304·4	23rd	283·1	281·8	2nd, 18th	292·4	−0·7	*292·0*	0	−9
653	Allahabad	25 25	81 51	94	1007·7	1019·1	+1·2	297·4	301·4	22nd	280·4	277·2	26th	288·9	−0·3	*288·0*	0	−23
654	Calcutta	22 36	88 23	6	1017·2	1017·9	+1·0	298·8	301·9	23rd	285·6	282·4	12th	292·2	+0·2	*291·6*	2	−9
655	Gauhati	26 8	91 41	59	1012·1	1019·1	..	296·7	297·9	4 dates	283·3	281·4	27th, 29th	290·0	..	..	0	−4
655*a*	Cherrapunji	25 15	91 42	1314	872·2	..	..	291·0	299·5	22nd	279·2	273·1	16th	285·1	..	..	6	−4
656	Shillong	25 33	91 48	1500	852·7	..	..	288·2	290·7	24th	277·1	274·2	25th	282·7	..	..	3	−2
656*a*	Akyab	20 11	92 56	6	1015·9	1016·5	+0·8	299·5	301·8	25th	288·0	285·5	17th	293·8	−0·6	*293·3*	0	−27
657	Phu Lien	20 48	106 37	115·6	1006·7	1020·5	+3·2	293·7	300·0	10th	287·6	283·9	1st, 30th	290·6	−0·3	*289·9*	6	−27
658	Moncay	21 31	107 51	9	1020·0	1021·1	+2·6	292·3	297·5	16th, 17th	285·0	278·2	30th	288·6	−1·0	*287·9*	26	
659																		
660	Hong Kong	22 18	114 10	33·2	1017·1	1021·1	+1·6	291·1	295·7	9th	285·7	279·7	26th	288·4	−0·4	288·1	26	−10
661	Taihoku, Formosa	25 2	121 31	9·3	1021·1	1022·2	+1·6	291·8	298·9	15th	285·6	281·0	26th	288·7	−0·1	288·4	96	+57
662	Naha	26 13	127 41	10·5	1019·7	1021·0	+1·5	292·3	297·8	16th	286·5	282·3	27th	289·4	0·0	289·3	196	
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JANUARY—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	294·5	297·5	19th	280·4	277·0	27th, 28th	287·5	..	*287·3*	0	..
716	Morelia				..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Salina Cruz				810·3	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718*a*	Oaxaca	19 26	99 8	2280	780·9	..	+0·9	292·1	294·7	31st	278·6	276·7	2nd	285·4	+0·3	285·5	0	−3
719	Belize	17 4	96 44	1563	848·2	..	..	299·9	302·7	6th	281·4	278·1	3rd	290·7	..	*290·5*	0	..
720	San Salvador	19 29	88 12	1·9	1019·4	1019·6	+2·7	301·3	305·2	3rd	295·9	290·2	4th	298·6	+0·8	*297·7*	261	+96
721	Jamaica (Negril Point)	13 44	89 9	657	939·8	1013·5	+1·5	..	307·5	..	..	285·8	..	295·5	+0·1	..	0	−2
722	Port au Prince	18 15	78 23	10·1	..	1015·8	+0·7	302·2	304·0	1st	293·7	291·0	31st	298·0	+0·3	*297·8*	14	−20
723	St. Croix (Christiansted)	18 34	72 22	37·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
724	Grenada (Richmond Hill)	17 45	64 42	6·6	1014·8	1015·5	..	299·4	301·5	4th	295·7	294·6	22nd	297·6	..	..	71	..
725	Barbados	13 3	61 45	155·1	995·7	1013·6	+0·4	300·5	303·6	2nd	295·2	293·6	12th, 13th	297·9	−0·1	*297·5*	248	+137
		13 8	59 36	55·2	..	1012·4	+0·1	300·3	301·4	4th	294·1	290·2	26th	297·2	−1·2	*297·0*	139	+70
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1015·2	1016·5	+1·5	296·1	299·0	25th	292·2	288·0	31st	294·1	−0·6	..	0	−4
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·7	1016·7	..	297·6	302·5	25th	293·6	291·4	16th	295·6	+0·4	..	0	−3
733	Bathurst	13 24	16 36	1·5	1012·5	1012·7	−0·2	303·2	310·8	25th	290·0	288·0	2nd	296·6	+0·4	*296·8*	3	+3
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	309·7	314·1	23rd	292·4	288·0	24th, 25th	301·1	+2·6	..	2	+1
735	Ségou	13 34	6 17	? 272	..	..	..	..	..	..	288·0	286·0	30th	..	..	..	0	..
736	Timbouctoo	16 43	W 2 52	250	985·1	1013·7	−0·8	305·0	309·5	7th	286·4	283·4	29th	295·7	+1·1	*295·4*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	303·5	306·3	24th	289·5	287·4	2nd	296·5	−0·1	..	0	
738	Kontagora	10 24	5 24	400	..	..	..	309·5	311·3	14th	289·7	286·3	1, 8, 12	299·6	+0·7	..	0	0
739	Maiduguri	11 48	13 12	370	..	..	..	305·2	309·1	10th	285·0	283·6	3rd, 10th	295·1	−1·2	..	0	0
740	Katagum	12 17	10 22	30·7	..	..	..	305·9	309·7	11th	284·5	281·3	23rd	295·2	0·0	..	0	0
742	Kaduglí	11 2	29 45	503	..	..	..	307·6	311·0	sev. dates	286·2	283·0	12th	296·9	..	..	0	..
743	El Obeid				..	1018·3	+1·7	302·4	306	13th	283·2	279	3rd	292·8	−0·5	*293·4*	0	..
744	Khartoum	15 37	32 33	390	..	1015·5	+1·3	302·8	306	15th	287·5	283	19th	295·2	+0·2	*295·3*	0	0
746	Aden	12 45	45 3	28·7	1014·7	1017·9	+1·7	299·4	300·8	20th	295·7	293·5	8th, 13th	297·6	−0·3	*297·0*	1	−10
751	Bombay	18 54	72 49	11·3	1014·9	1016·2	+0·7	301·7	303·3	2nd	292·9	290·8	24th	297·3	+0·3	*296·9*	0	−2
752	Mysore	12 18	76 40	768	930·3	1016·2	+0·7	301·2	303·6	24th, 25th	287·4	284·1	3rd	294·3	−0·7	*293·7*	0	−4
752*a*	Kodaikanal				..	..	+0·1	292·3	296·1	5th	281·6	279·4	9th, 28th	287·0	+1·2	*286·1*	7	−75
753	Madras	10 13	77 28	2343	772·4	1016·2	+0·5	302·0	303·3	25th, 31st	293·0	290·4	23rd	297·5	+0·1	297·2	0	−23
754	Waltair	13 4	80 14	6·7	1015·5	1017·9	+1·1	299·8	302·5	16th	291·8	290·4	3rd, 20th	295·8	..	*295·4*	0	−18
755	Port Blair	11 40	92 40	17·7	1009·8	1013·8	+0·3	302·8	303·9	2, 19, 26	298·0	295·8	27th	300·4	+0·2	*300·0*	85	+59
756	Rangoon	16 46	95 48	5·5	1011·7	1015·9	+0·9	304·4	306·9	16th	291·7	287·4	23rd	298·1	+0·3	*297·0*	0	−2
757	Saigon	10 46	106 42	11·2	1015·2	1015·9	+0·9	304·4	306·9	10th	296·7	294·4	11th	299·1	+0·2	..	15	−43
758	Nhatrang	12 16	109 12	6·8	1011·6	1012·8	+1·3	304·4	305·7	19th	293·8	291·5	30th, 31st	299·1	−0·6	..	15	−5
759	Bolinao	16 24	119 53	9·7	1015·5	1016·2	+2·3	300·5	302·7	24th	293·4	291·2	24th	297·0	−0·8	..	18	−41
760	Vigan	17 34	120 23	14·7	..	1012·8	+0·3	303·5	305·6	3rd	294·9	291·1	29th, 31st	299·2	0·0	298·9	46	+36
761	Manila	14 35	120 59	14·2	..	1013·0	+0·1	303·8	305·1	2nd, 31st	293·9	290·8	18th	298·9	0·0	298·4	0	0
762	Ormoc	11 0	124 36	5·6	..	1013·2	+0·8	303·1	304·5	15th, 22nd	294·1	291·6	29th, 30th	298·6	−0·2	297·7	65	+37
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1011·7	+0·7	303·3	306·1	25th	294·6	291·8	21st	299·0	+0·7	298·8	143	−34
		N.	E.			1010·5	..	301·4	303·4	10th	296·7	294·4	11th	299·1	+0·2	..	15	−43

JANUARY—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	306·2	308·0	7th	297·8	296·9	10, 14, 29,	302·0	+0·7	*300·1*	40	−307
819	Culebra	9 10	79 40	123·1	..	1011·0	−0·1	303·6	305·2	8th	294·7	290·8	4th	299·1	+0·3	..	40	−4
823	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
825	El Peru, Guayanavieja	7 30	62 0	? 300	986·3	1020·9	..	300·2	303·6	2nd	293·5	290·8	2nd	296·9	..	..	213	..
826	Georgetown, Brit. Guiana	6 50	58 12	1·8	1015·0	1015·2	+2·8	301·8	303·8	17th	296·4	294·7	1st	299·1	−0·1	..	462	+245
826*a*	Paramaribo	5 49	55 9	4	1012·9	1013·3	..	301·3	302·8	27th	295·7	293·8	1st	298·5	..	*298·0*	313	+88
	Cayenne	4 56	52 21	6	..	..	..	301·6	303·0	6, 8, 17	296·2	294·4	4th, 17th	298·9	−0·1	*298·8*	402	+37
833	Conakry	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Sierra Leone	8 30	13 9	68·3	1003·2	1011·1	+0·3	305·7	308·0	18th, 19th	296·2	294·1	7th	300·9	+0·4	..	1	−10
835	Cape Coast Castle	5 5	1 13	..	..	..	..	304·1	..	..	296·4	..	..	300·2	+0·4	..	0	−23
836	Acera	5 35	W 0 6	18	..	..	..	304·1	..	..	296·8	..	..	300·4	+0·7	..	0	−18
837	Lagos	6 22	E 3 28	7·6	..	1010·3	+0·4	304·9	306·1	..	..	297·0	295·2	..	300·9	+0·7	..	0
838	Zungeru	9 48	6 10	130	..	1011·7	+0·5	308·9	310·8	23rd, 24th	291·5	286·3	24th	300·2	+0·5	..	0	−31
838*a*	Libreville	0 23	9 26	35	..	..	..	304·5	305·8	19th	294·4	293·6	11th	299·5	0·0	..	0	−1
839	Yola	9 12	12 30	259	..	..	..	307·5	309·7	24th	292·9	290·2	3rd	300·2	+0·6	..	108	−161
841	Kafia Kingi	9 22	24 18	596	948·7	..	..	..	..	..	293·6	291·0	14th	..	..	..	0	0
842	Wau	7 42	28 3	440	..	1012·7	+1·1	308·4	311	17th	291·0	288	2nd, 20th	299·7	+0·5	..	0	..
843	Entebbe	0 5	32 29	1171	885·3	..	+2·4	299·7	301·3	27th	290·3	288·6	23rd	295·0	−0·2	*294·4*	0	−1
844	Nandi	0 2	35 5	2010	..	..	..	301·1	303·0	29th	281·8	280·8	18th	291·5	−0·1	..	16	−55
845	Harrar	9 42	42 30	1856	..	..	..	298·6	301·0	24th	283·4	280·0	19th	291·0	..	..	0	−51
851	Cothin	10 0	76 21	2·7	1013·5	1013·7	+0·2	304·9	306·7	27th, 28th	295·1	292·3	1st	300·0	+0·2	*299·6*	0	−16
852	Colombo Observatory	6 54	79 53	7·3	1010·6	1011·4	+0·6	301·4	304·9	28th	295·3	293·1	22nd	298·3	−1·7	*297·9*	212	+108
853	Candy	7 18	80 40	504·5	..	..	..	298·8	302·0	30th	292·9	289·7	15th	295·9	−1·2	..	574	+448
855	Medan	3 35	98 41	23·5	..	1011·6	+0·4	..	..	..	..	..	..	..	..	..	194	+65
856	Kota Radja	5 32	95 20	7·1	..	1012·0	+0·8	..	..	..	..	..	..	..	..	..	194	+55
857	Penang	5 34	100 20	5·0	1009·1	1009·7	−0·2	304·8	306·3	18th	295·8	294·1	26th	300·3	−0·1	..	156	+47
858	Singapore	1 17	103 51	2·2	1010·3	1010·5	+0·3	303·0	306·3	22nd	296·6	295·8	3, 20, 24	299·8	+0·1	..	499	+257
860	Sandakan	5 49	118 12	..	..	..	..	303·5	304·7	17th	296·4	295·8	5, 22, 29	300·0	+0·5	..	157	−298
861	Tagbilaran	9 38	123 51	26·2	..	1011·4	+0·9	304·6	306·9	5th	294·3	292·4	17th	299·5	−0·2	298·5	30	−54
862	Surigao	9 48	125 29	6	..	1011·2	+0·9	303·0	305·1	20th	294·1	291·7	17th	298·6	−0·6	298·1	?362	+28
863	Yap	9 29	138 8	31·9	..	1008·9	..	304·0	305·3	18th	296·8	294·9	29th	300·4	..	..	?37	..
869	Uyelang	9 42	161 2	< 10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JANUARY—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1010·2	1011·3	+2·9	306·4	307·4	3, 5, 8	297·3	296·3	14th, 15th	301·8	+0·6	*301·1*	12	− 51
906																		
923	Manaos	3 8	59 59	44·9	1004·9	1010·0	+2·2	..	307·4	..	..	295·4	..	299·7	−0·9	..	327	+100
929	Quixeramobim	5 16	39 15	207·0	988·1	1011·4	+1·2	..	307·6	..	..	294·2	..	301·8	−0·3	*301·6*	88	..
930	Fernando Noronha	3 51	W32 25	95	1000·1	1011·1	−0·1	..	302·6	..	..	295·0	..	298·9	..	..	69	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	..	..	..	..	..	..	..	..	..	..	..
940	Loango	4 38	11 50	? 50	..	..	..	302·4	305·2	21st	295·7	293·9	6th	299·1	..	*298·6*	140	..
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
944	Nairobi	1 18	36 59	1660	..	..	..	297·1	299·1	15th	282·7	279·1	29th	289·9	−0·9	..	2	− 56
944*a*	Zanzibar	6 10	39 11	21·9	1011·5	1013·9	+1·1	303·0	304·1	31st	299·4	297·7	9th	301·2	−0·1	*300·6*	10	− 79
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	302·5	304·1	6th	297·3	295·8	23rd	299·9	..	..	0	− 25
947	Seychelles	4 37	55 27	4·6	..	1012·4	+1·1	301·3	302·8	..	298·2	296·2	..	299·8	+0·2	..	168	
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1011·5	+0·2	304·0	306·9	22nd	295·9	294·4	19th	300·0	..	299·4	298	− 58
957	Batavia	6 11	106 50	8	1009·7	1010·6	+0·7	302·4	305·6	14th	296·6	295·3	19th	299·5	+0·5	299·0	277	+ 33
958	Pontianak	0 1	109 20	2·6	..	1011·3	+1·8	303·0	305·0	19th	296·0	294·7	23rd	299·5	..	298·6	304	+ 41
959	Passeroean	7 38	112 55	5·0	..	1009·4	+0·6	..	..	..	..	..	..	..	..	..	277	− 11
960	Kajoemas	7 56	114 9	950	..	..	..	295·7	297·7	27th	291·1	290·1	9th	293·4	..	292·7	331	− 57
961	Koepang	10 10	123 34	3·3	..	1008·9	+1·0	303·1	305·0	11th	297·1	295·2	20th	300·1	..	299·7	362	+ 26
962	Ambon	3 42	128 10	4·2	..	1009·5	+1·2	303·1	305·8	1st	297·3	295·5	9th	300·2	+0·6	299·6	152	
965	Daru	9 4	143 13	8	..	1008·8	−0·3	303·8	..	..	296·4	..	..	300·1	−0·3	..	326	+ 45
966	Port Moresby	9 29	147 9	39	..	1007·7	−0·5	304·9	..	..	298·1	..	..	301·5	+0·4	..	236	
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	477	− 96
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1005·6	1005·8	−0·3	304·6	307·4	1st	297·3	295·8	21st, 26th	301·0	+0·2	..	444	+ 170
970	Ocean Island	0 52	169 36	25·6	1003·1	1006·0	−1·4	305·1	306·3	14, 23, 25	297·6	294·7	8th, 9th	301·4	+0·5	*300·8*	346	+ 4
		S.	E.															

JANUARY—ZONE 10.

Between Latitude 10° S. and 20° S.

		S.	W.															
1001																		
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	+ 55
1003	Alofi, Niue Island	19 2	169 55	36·6	1007·4	1011·6	+0·5	303·8	307·4	3, 5, 10	295·3	293·0	12th	299·6	−0·3	..	361	
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1003·9	1009·3	−0·4	304·8	306·6	5, 6, 21	296·0	294·8	8th	300·4	..	..	278	
1008																		
1021	Puerto de Arica	18 28	70 20	10	1011·2	1012·4	+0·2	299·6	305·0	28th	289·6	285·2	24th	294·6	+0·5	*294·7*	0	+ 0
1022	Arequipa	16 22	71 33	2451	761·6	..	+0·4	292·8	295·2	13th	282·5	279·7	31st	287·7	−0·3	*288·0*	37	− 17
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	727·7	..	..	296·2	301	1, 9, 20	282·5	278	9th	289·4	−2	..	149	+ 10
1025																		
1026	Cuyaba	15 36	56 0	235	989·8	1016·6	+0·4	302·7	305·0	..	296·9	296·0	..	299·8	−0·1	..	280	
1027	Bello Horizonte	19 55	43 56	857·0	917·2	1012·4	..	299·9	307·2	8th	290·7	287·4	2nd	295·3	..	..	579	..
1028	Cætite	14 2	42 37	900	911·8	1010·4	..	..	307·7	24th	..	290·5	..	298·2	..	..	85	..
1029	Ondina	13 12	38 30	46·6	1007·7	1013·1	..	..	307·4	..	..	294·5	..	300·0	..	..	5	..
1030	Aracaju	10 55	37 4	4·3	1012·2	1012·7	..	..	304·1	..	..	296·5	..	300·3	..	..	0	
1035	St. Helena	15 57	W 5 40	632	944·7	1016·6	−0·9	294·4	297·4	25th	287·6	284·7	13th	291·0	+0·2	*290·7*	61	− 16
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	858·1	..	+0·1	302·3	306·8	..	287·9	283·6	..	295·1	+1·0	..	20	−152
1043	Salisbury, Rhodesia	17 49	31 3	1487	856·2	..	+1·8	299·6	303·1	..	287·6	283·9	..	293·6	−0·2	..	191	− 61
1044	Zomba	15 23	35 18	954	905·6	1011·1	+1·3	299·3	302·3	24th	290·4	288·6	17th	294·8	−0·6	*294·2*	225	+ 6
1045	Tamatave	18 9	49 26	4	1011·5	1011·9	+1·2	304·3	305·3	3rd, 4th	295·9	294·8	7th	300·1	−0·1	..	366	+200
1046	Tananarivo	18 55	47 32	1400	863·1	..	+0·4	299·2	301·9	25th	288·4	286·0	22nd, 24th	293·8	−1·6	292·3	491	
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1011·3	+0·1	302·4	304·7	26th	297·9	296·3	14th, 15th	300·2	−0·4	..	221	+ 84
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1007·5	1008·1	0·0	302·7	304·3	..	296·9	295·2	..	299·8	−0·6	..	593	+360
1058																		
1061	Derby	17 18	123 40	16·2	..	1007·4	+0·7	307·3	310·9	18th	298·2	293·1	15th	302·8	−0·9	..	189	+ 10
1062	Hall's Creek	18 13	127 46	373·6	..	1005·8	−0·7	311·6	316·3	20th	297·5	293·0	11th	304·6	+1·3	..	40	+ 15
1063	Port Darwin	12 28	130 51	29·6	..	1006·0	+0·3	304·7	307·3	13th	297·9	295·0	20th, 30th	301·3	−0·6	*300·3*	402	+ 57
1064	Daly Waters	16 16	133 23	210·6	..	1003·3	..	311·1	315·8	18th	297·8	293·6	24th	304·5	+1·0	*304·0*	103	+ 24
1065	Mein	13 13	142 57	121·9	..	1004·7	..	304·8	308·6	7th	296·9	294·1	15th, 22nd	300·9	..	..	372	− 5
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	307·1	310·8	1st, 2nd	295·6	290·2	27th	301·4	..	..	169	
1067	Samarai	10 37	150 40	6·4	..	1007·1	−0·8	303·7	..	..	297·8	..	..	300·7	−0·1	..	223	+ 81
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1009·2	+0·2	302·1	304·7	9th	296·6	292·4	1st	299·3	−0·3	..	273	+ 1
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JANUARY—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	301·6	306·1	28th	295·3	291·9	12th	298·5	..	..	253	+ 11
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1013·2	1016·7	..	298·7	300·9	30th	292·5	290·8	1st, 15th	295·6	..	*295·7*	201	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1011·4	1014·3	−0·2	294·1	296·0	sev. dates	289·1	287·7	sev. dates	291·6	+1·1	*290·4*	0	0
1122	Puerto de Antofagasta	23 39	70 25	5	1014·3	1014·9	+1·4	302·1	302·9	14th, 31st	291·0	290·3	3rd, 9th	296·6	+1·7	*296·3*	0	0
1125	Goya	29 9	59 15	64	1006·6	1014·0	+2·2	305·6	313·0	19th	292·4	288·0	2nd	299·0	−0·6	*299·0*	31	− 85
1126	Porto Alegre	30 2	51 13	15	1013·5	1015·2	..	302·2	308·0	11th	290·1	284·8	25th	296·2	..	..	69	− 16
1127	Curityba	25 26	49 16	908	912·0	1013·1	+0·3	299·0	304·0	..	287·2	280·6	..	293·1	−0·9	*292·4*	158	− 14
1128	Rio de Janeiro	22 54	W43 10	64	1004·5	1011·9	+0·4	300·3	306·5	..	295·6	291·9	..	298·0	−1·8	*297·6*	200	+ 74
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141	Johannesburg	26 11	28 4	1874	..	..	..	298·2	301·1	19th	286·3	281·6	3rd	292·3	+0·7	*291·8*	68	− 84
1142	Kimberley	28 42	28 47	1202	880·6	..	+0·6	307·1	312·5	26th	290·1	286·9	29th	298·6	+1·6	298·2	42	− 29
1142*a*	Pretoria	25 45	28 11	1338	869·0	..	+0·8	302·5	305·5	27th	288·1	285·1	3rd	295·3	0·0	..	141	− 23
1143	Durban	29 51	31 0	14·3	1012·8	1014·4	−1·4	301·2	305·2	21st, 23rd	294·1	290·8	3rd	297·7	−0·1	..	173	+ 56
1144	Lorenzo Marques	25 58	32 36	59	..	1013·4	+1·0	303·4	309·7	23rd	295·0	291·5	1st	299·2	−0·3	298·6	88	− 38
1147	Mauritius	20 6	57 33	54·3	1006·0	1012·3	+0·7	301·2	303·1	25th	295·2	293·1	4th	298·2	−1·1	297·8	402	+209
1148																		
1159	Onslow	21 43	114 57	4·3	..	1006·2	−0·1	308·2	316·7	26th	296·9	293·6	1st	302·6	−0·3	..	1	− 22
1160	Peak Hill	25 38	118 47	588·3	..	1005·7	−0·1	308·2	315·8	23rd	295·2	287·2	6th	301·7	−2·0	..	107	+ 70
1161	Nullagine	21 53	120 5	385·6	..	1005·6	+0·2	312·1	316·3	24th	297·9	291·9	4th	305·0	+0·2	..	72	− 1
1162	Laverton	28 40	122 23	466·3	..	1010·6	+0·9	306·6	316·6	24th, 26th	292·8	285·7	6th	299·7	−1·2	..	71	+ 41
1163	Alice Springs	23 38	133 37	587·0	..	1006·3	+0·3	306·9	314·8	28th	293·2	285·8	8th	300·1	−1·8	*300·1*	68	+ 23
1164	William Creek	28 55	136 21	76·2	..	1009·4	..	309·4	319·7	27th	293·8	288·8	7th	301·6	..	*301·3*	1	− 14
1165	Boulia	22 55	139 38	145·7	..	1005·0	..	312·2	317·6	27th	297·9	292·1	8th	305·1	..	..	74	+ 24
1166	Mitchell	26 32	147 52	337·1	..	1007·9	..	306·1	315·5	26th	293·1	288·0	7th	299·6	..	..	56	− 28
1167	Rockhampton	23 24	150 30	11·3	..	1009·1	..	302·6	309·2	4th	294·8	289·6	8th	298·7	..	..	421	+179
1168	Brisbane	27 28	153 2	41·7	..	1012·0	+0·6	301·7	307·1	30th	293·1	289·3	7th	297·4	−0·7	..	125	− 41
1169	Noumea	22 16	166 27	9	1006·7	1007·7	..	302·7	306·0	8th	295·7	293·4	27th	299·2	−0·1	..	200	+112
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		S.	E.															

Between Latitude 30° S. and 40° S.

JANUARY—ZONE 12.

		S.	W.															
1219																		
1220	Juan Fernandez	33 37	78 50	10	1018·7	1019·9	+0·5	295·4	298·0	sev. dates	289·6	287·0	1st	292·5	−0·2	..	0	− 12
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1009·6	1014·3	+0·1	294·9	299·6	22nd	287·0	284·4	21st	291·0	−2·7	*288·9*	0	0
1222	Santiago	33 27	70 42	520	953·2	1012·3	+0·4	303·4	308·0	23rd	284·1	282·0	2nd	293·8	0·0	292·5	0	− 1
1223	Cordoba	31 25	64 12	439	963·4	1013·2	+0·8	303·3	310·0	18th	288·6	284·6	8th	296·0	−0·3	295·5	64	− 41
1224	Buenos Ayres	34 16	64 11	25·2	1010·2	1013·1	+1·5	302·8	307·2	19th	288·9	282·9	5th	295·9	0·0	*296·5*	3	− 74
1225	Rio Grande	32 2	52 6	2·3	1013·2	1013·5	+1·8	298·5	304·4	30th	292·1	288·3	29th	295·3	−1·7	..	30	− 36
1226	Montevideo	34 55	W56 13	29·3	..	1013·0	+2·1	..	304·0	19th	..	285·5	2nd	..	−0·8	294·6	20	− 58
1239	Cape Town	33 56	E18 29	12	1012·7	1014·0	+0·6	301·2	311·7	14th	290·3	285·9	4th	295·8	+1·8	*294·4*	10	− 7
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	21	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	302·6	310·8	13th	290·6	283·0	10th	296·6	+2·9	..	11	− 12
1242	East London	33 2	27 55	10·1	1013·3	1014·5	+1·6	297·2	300·8	22nd	290·6	288·0	4th	293·9	−0·2	..	55	− 11
1259	Perth (Observatory)	31 57	115 51	60·0	..	1013·1	0·0	301·6	311·8	21st	290·1	285·2	12th	295·9	−0·1	..	3	− 6
1260	Katanning	33 42	117 35	309·7	..	1012·3	−1·2	302·4	314·8	21st	286·7	282·5	12th	294·6	0·0	..	2	− 4
1261	Coolgardie	30 57	121 10	423·3	..	1011·2	−0·2	305·8	316·3	22nd	289·8	284·0	13th	297·8	−0·2	..	4	− 6
1262	Eucla	31 45	128 58	4·6	..	1013·3	0·0	300·1	316·3	12th	289·7	285·5	15th	294·9	+0·5	..	4	− 14
1263	Streaky Bay	32 48	134 13	13·1	..	1013·9	+0·8	301·7	315·3	12th	287·6	283·3	4th	294·6	−0·1	..	0	− 13
1264	Adelaide	34 56	138 35	42·7	..	1013·5	+0·5	301·9	315·8	27th	287·8	282·3	5th	294·9	−1·6	*294·3*	5	− 15
1265	Melbourne	37 49	144 57	35·1	..	1012·7	−0·3	297·3	311·6	13th	286·8	281·1	27th	292·1	−0·6	*291·7*	9	− 39
1266	Bourke	30 13	145 58	110·1	..	1012·4	+1·0	310·6	320·5	28th	294·6	288·6	8th, 31st	302·6	0·0	..	3	− 47
1267	Sydney	33 51	151 13	44·5	..	1012·2	−0·3	299·8	311·1	25th	291·8	288·0	22nd	295·8	+0·8	..	18	− 75
1268	Lord Howe Island	31 32	159 4	..	..	..	..	299·3	301·6	29th	292·7	286·9	7th	296·0	..	..	96	− 39
1271	Auckland	36 50	174 50	38·1	..	..	..	295·3	299·4	22nd	287·9	282·4	28th	291·6	−0·5	..	67	+ 3
1272																		
		S.	E.															

Between Latitude 40° S. and 50° S.

JANUARY—ZONE 13.

		S.	W.															
1301	Chatham Island	43 52	170 42	103·6	..	1011·9	+4·9	292·5	296·9	27th, 28th	284·9	280·2	3rd	288·7	+1·3	..	65	+ 11
1302																		
1321	Punta Corona	41 51	73 50	25	1009·1	1012·1	−4·0	291·1	294·7	10th	283·6	281·5	19th	287·4	−0·2	*286·4*	6	− 77
1322	Punta Galera	40 1	73 44	40	1012·0	1016·8	+1·0	289·2	294·0	16th	283·7	281·6	11th	286·5	−0·6	*285·2*	6	− 48
1323	Bahia Blanca	38 45	W62 12	20	1009·9	1012·2	+4·3	305·6	314·2	13th	290·2	281·4	6th	297·9	+1·1	*297·4*	11	− 33
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1007·2	−5·2	294·3	309·6	13th	284·2	277·6	27th	289·2	−0·4	*288·1*	35	− 11
1366	Launceston	41 27	147 10	9·4	..	1008·4	−2·2	296·7	303·8	13th	283·3	277·6	24th	290·0	−0·8	..	12	− 40
1369	Dunedin	45 52	170 31	76	..	1004·9	−4·3	292·6	304·7	14th	282·6	276·9	28th	287·6	0·0	..	90	− 4
1370	Christchurch	43 32	172 38	7·6	..	1007·0	−4·2	295·5	304·4	20th	284·2	277·4	27th	289·8	+0·2	..	99	+ 48
1371	Wellington	41 16	174 46	2·4	..	1010·1	−2·0	293·4	299·6	16th	287·1	281·8	28th	290·3	+0·3	..	128	+ 42
1372																		
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JANUARY—ZONE 14.

Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas .	52 24	75 6	55	1000·2	1006·9	+9·7	284·4	286·5	5th	278·5	275·2	20th	281·5	−0·2	*282·4*	366	+79
1422	Puerto de Punta Arenas .	53 10	70 54	4	1004·0	1004·5	+7·9	290·4	296·5	24th	281·6	276·1	20th	286·0	+1·3	*285·5*	9	−7
1423	Punta Dungeness . .	52 24	68 25	5	1003·1	1003·7	+3·1	289·1	296·2	24th	282·8	278·0	20th	286·0	+1·6	*285·4*	29	..
1425	Cape Pembroke . .	51 41	57 42	15	999·1	1000·9	+1·9	285·6	289·7	16th, 31st	278·3	274·1	21st	282·0	0·0	282·4	..	−28
1426	Stanley, Falkland Is. .	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	45	+59
1429	S. Georgia (Cumberland Bay)	54 14	W 36 34	3·7	991·1	991·5	−3·1	279·5	284·7	26th	274·1	271·3	16th	276·8	−2·2	*276·1*	105	..
1467	Macquarie Is. . . .	54 30 S.	E 158 57 E.	9	..	988·1	−8·1	281·2	282·4	3rd	277·1	274·7	20th	279·2	..	279·2	..	..

JANUARY—ZONE 15.

Between Latitude 60° S. and 70° S.

		° S. ′	° W. ′															
1527	South Orkneys . . .	60 44	44 39	6·9	990·5	991·4	0·0	..	276·7	..	..	267·4	..	..	−1·1	272·0	48	+5
1528				metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—JANUARY 1913.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.
1	ESE	7·1	SE 4	E 1	Calm 0	W 4	E 3	E 2	NW 2	Calm 0	Calm 0	NE 2
2	SSE	11·3	SE 2	E 1	NE 2	W 2	E 4	E 4	NW 2	SE 2	W 2	Calm 0
3	SSE	7·9	SE 2	ESE 3	SW 2	SW 2	E 3	E 3	Calm 0	NW 1	Calm 0	NE 2
4	SSE	3·3	SE 4	SSE 4	Calm 0	W 3	E 2	E 2	NW 2	N 2	Calm 0	Calm 0
5	S by E	3·3	SE 4	SE 3	SW 2	W 2	E 2	Calm 0	NW 2	E 1	Calm 0	E 1
6	SSE	4·6	ESE 3	ESE 2	Calm 0	W 2	E 3	E 2	Calm 0	Calm 0	Calm 0	E 1
7	SSE	4·6	SE 4	E 1	E 4	SW 4	E 4	E 3	Calm 0	E 1	Calm 0	Calm 0
8	SSE	8·8	ESE 1	SSE 2	NE 2	NE 2	E 5	NE 3	Calm 0	SE 2	Calm 0	NE 1
9	SSE	6·3	SE 2	SE 4	NE 2	SW 2	NE 5	NE 3	Calm 0	SE 2	Calm 0	NW 1
10	SE by S	6·3	SE 2	SE 4	Calm 0	W 2	NE 4	NE 2	Calm 0	NE 3	Calm 0	Calm 0
11	SE by S	5·4	ESE 2	SE 4	NE 3	W 2	NE 3	NE 2	NW 2	E 3	N 1	NE 1
12	SSE	4·6	ESE 3	ESE 2	NE 4	NE 2	NE 3	E 3	Calm 0	E 2	Calm 0	E 1
13	SSE	6·7	ESE 2	NNE 3	SW 2	W 2	E 4	E 3	Calm 0	NE 2	Calm 0	NE 1
14	SSE	9·6	ESE 3	E 3	NE 2	E 4	SE 3	SE 2	NW 1	NE 2	N 1	N 3
15	SSE	3·8	SE 5	ESE 2	NE 3	NE 2	SE 2	Calm 0	NW 2	E 2	E 3	E 2
16	SSE	3·8	ESE 3	E 3	Calm 0	W 2	NE 3	E 3	NW 4	NE 3	E 3	E 1
17	SSE	5·0	SE 3	ESE 4	NE 4	W 2	NE 4	NE 2	Calm 0	E 2	E 3	E 1
18	SSE	5·0	ESE 3	E 3	NE 3	SW 3	NE 4	NE 3	NW 3	E 2	Calm 0	Calm 0
19	..	..	E 4	E 3	N 3	SW 4	E 4	E 2	Calm 0	NE 2	E 1	Calm 0
20	..	..	SE 3	ENE 3	N 2	W 2	NE 3	E 2	W 2	E 2	Calm 0	Calm 0
21	SE	8·3	SE 3	E 2	N 2	W 2	NE 4	NE 2	W 1	NE 1	Calm 0	N 1
22	S by E	7·5	SE 2	SE 1	N 2	W 2	NE 4	NE 3	NW 4	E 1	E 2	N 1
23	S by E	11·7	SE 2	SSE 3	N 2	W 2	NE 4	NE 3	NW 3	NE 3	E 2	Calm 0
24	SSE	10·4	SE 3	SSE 3	W 2	SW 2	NE 3	NE 1	NW 1	NE 3	NE 2	NW 2
25	SSE	6·3	SE 3	SE 4	W 2	W 2	E 4	E 1	NW 3	NE 2	NE 1	SW 2
26	SSE	5·8	SE 3	ESE 3	W 2	SW 2	E 4	N 2	NW 2	E 2	Calm 0	SW 2
27	SSE	7·9	SE 2	SE 1	W 2	SW 2	N 2	N 1	NW 2	SW 4	SW 3	SW 2
28	S by E	7·1	SE 2	Calm 0	W 2	W 2	N 2	N 1	Calm 0	W 2	Calm 0	Calm 0
29	SSE	6·3	SSE 1	N 1	SW 2	W 2	N 2	N 2	NW 1	NW 2	Calm 0	E 3
30	SSE	7·1	ENE 3	NE 5	W 2	W 2	N 2	N 2	Calm 0	NW 3	NW 3	NE 3
31	SE by S	10·0	NE 4	N 7	W 2	SW 4	N 2	N 2	Calm 0	W 1	Calm 0	1·2
Mean for Month	..	6·8	2·8	2·7	2·0	2·4	3·3	2·1	1·3	1·9	0·9	1·4
Deviation from Normal	..	−0·8	..	..	..	..	−0·9			−0·5		

* Direction and velocity in the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—JANUARY 1913.

**Greenland Sea, Iceland, and Denmark Strait.*—"Iceland and Grimsey were free of ice, which is usual in January. At Angmagsalik there was closely packed Storis, which is normal."

North Atlantic and Labrador.—"Few icebergs, chiefly between 45° N. and 49° N., 48° W. and 50° W., which is not abnormally far south or east. Much floe ice."

**Davis Strait and Baffin Bay.*—"Too stormy to permit much ice to form. The first Storis passed Cape Farewell on 25th January (exactly normal)."

"**Melville Bay and Smith Sound* were ice-covered except for an open passage at Cape Seddow (normal)."

**Behring Sea.*—"Ice formed a firm belt two miles broad throughout the winter, but outside this the sea was unusually free, with thin ice drifting W."

* *Isforholdene i de arktiske Have, 1913*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, FEBRUARY 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF FEBRUARY 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

FEBRUARY—ZONE 1.

Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay . .	76 30	68 55	6·5	1000·2	1001·1	..	..	..	..	..	..	..	..	..	*251·4*	2	..
124	Upernivik . . .	72 47	W 56 7	18·9	995·6	998·0	−11·6	..	..	..	253·5	244·5	23rd	..	+7·6	*257·1*	0	−15
125																		
126																		
139	Spitsbergen . . .	78 2	E 14 14	11·4	998·0	999·6	−7·8	..	273·3	15th	246·3	228·2	6th	..	..	252·3	53	..
140																		
141	Gjesvaer	71 6	25 22	6·5	997·6	998·4	−6·0	..	278·7	15th	266·9	261·0	23rd	..	+0·2	*268·9*	169	+115
142	Mehavn	71 1	27 47	6·4	997·9	998·7	..	..	278·7	15th	266·4	257·8	28th	..	..	*268·6*	70	+13
143	Vardö	70 22	31 8	10·0	999·6	1000·9	−5·3	..	276·1	16th	264·9	260·5	27th	..	+0·9	*267·7*	54	−11
144																		
147	Malye Karmakouly . .	72 23	52 43	14·8	1003·8	1005·8	−2·3	..	273·6	16th	252·8	239·7	1st	255·9	−0·7	*255·8*	6	−1
148		N.	E.															

FEBRUARY—ZONE 2.

Between Latitude 70° N. and 60° N.

		N.	W.															
203	Nome	64 30	165 24	4·6	1011·2	1011·8	..	266·9	276·3	3rd, 4th	260·3	242·4	18th	263·6	..	..	12	..
204																		
205	Tanana	65 12	152 0	?	1007·1	..	..	262·5	271·9	22nd	254·7	237·4	19th	258·6	..	..	22	..
206																		
207	Valdez	61 6	146 13	3·1	1014·5	1014·9	..	271·7	274·7	13th	264·9	253·6	7th	268·3	..	..	219	..
208	Eagle	64 46	141 12	248·4	986·1	1018·3	..	263·0	275·8	18th	253·7	239·1	sev. dates	258·3	..	..	10	−3
209	Dawson	64 4	139 20	328	983·0	1027·3	+6·6	255·2	266·9	15th	247·5	232·4	8th	251·3	+3·6	..	28	+9
210	Careross	60 11	134 34	662	..	..	..	267·2	277·4	16th	255·1	238·0	7th	261·2	..	..	26	..
211																		
212	Fort Simpson . . .	61 52	120 43	129	1009·6	1027·5	..	256·5	268·0	5th	245·1	229·1	3rd	250·8	+5·5	*251·4*	20	+7
213	Hay River . . .	60 51	115 20	161	1003·0	1025·3	..	256·1	268·0	7th	243·7	230·8	11th	249·9	+0·7	..	4	..
214	Fort Resolution . .	61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	4	..
225																		
226	Jacobshavn . . .	69 13	51 2	12·6	993·1	994·7	−12·7	265·7	279·0	26th	257·6	246·9	20th, 21st	261·7	+7·8	*261·8*	4	−3
229	Godthaab . . .	64 11	51 44	9·0	987·8	989·0	−13·5	269·2	279·8	26th	263·3	257·4	2nd	266·3	+3·2	*265·9*	40	−14
230	Angmagsalik . . .	65 37	37 34	31·7	993·8	997·8	−6·4	268·5	274·4	28th	260·0	250·9	8th	264·3	..	*265·0*	33	..
231																		
232	Stykkisholm . . .	66 5	22 46	11·3	996·7	998·2	−4·0	275·3	282·3	12th	270·2	265·0	2nd	272·8	+2·5	*273·0*	98	+35
233	Vestmanno . . .	63 26	20 15	7·7	999·1	999·9	−3·1	278·4	292·2	12th	273·0	267·3	1st	275·7	+1·7	*276·9*	105	−6
234	Grimsey (Akureyri) .	66 33	17 58	22·0	1001·5	1004·3	−0·1	273·9	279·3	14th	269·3	264·3	20th	271·6	+1·3	*271·4*	1	−28
235	Berufjord	64 40	14 19	18·0	1000·8	1003·0	−1·0	276·0	281·5	11th	270·0	265·0	6th	273·0	+1·2	*273·0*	150	+43
236	Thorshavn	62 3	6 45	25·7	1007·0	1010·2	+3·4	278·9	282·6	11th	273·8	270·5	21st	276·4	+0·3	*276·7*	113	−33
237	Lerwick	60 9	W 1 8	18·0	1011·6	1013·8	+4·9	279·5	282·4	11th	275·4	271·9	21, 22, 28	277·4	+1·0	*277·6*	77	..
238																		
239	Bergen (Met. Obs.) .	60 24	E 5 19	44·4	1010·0	1015·5	+4·0	..	280·2	15th	273·5	267·0	22nd	..	+1·7	*275·6*	165	+15
240	Christiansund . .	63 7	7 45	17·8	1009·0	1011·2	+2·1	..	281·2	13th	273·3	267·1	21st	..	+2·1	*276·0*	172	+87
241	Trondhjem . . .	63 26	10 25	39·5	1006·4	1011·3	+1·2	..	278·9	9th	270·9	265·2	25th	..	+3·4	*273·5*	110	+20
242	Bodö	67 17	14 24	20·5	1002·7	1005·3	−2·1	..	278·8	15th	269·7	263·2	28th	..	+2·0	*272·2*	78	−3
242a	Haparanda	65 50	24 9	9·2	1005·9	1007·1	−4·7	266·8	272·0	17th	258·2	247·0	24th	262·5	+2·0	*263·0*	18	−10
243	Helsingfors . . .	60 10	24 57	11·7	..	1011·4	−3·7	..	275	..	..	254	..	269·3	+3·0	*269·2*	43	+10
243a																		
243	Kuopio	62 54	27 40	99·7	..	1010·2	−5·2	..	274	..	..	247	..	265·5	+1·8	*265·4*	43	..
244	Kola	68 53	33 1	6·7	1003·2	1004·0	−5·2	264·7	272·8	16th	257·0	246·4	7th	260·9	−0·5	*261·6*	19	+11
245	Petrozavodsk . . .	61 47	34 23	38·9	..	1011·8	−3·8	..	273·5	17th	..	244	..	263·0	−0·1	*262·9*	..	..
246	Arkhangelsk . . .	64 33	40 32	6·7	..	1010·0	−2·7	..	271	..	..	242	..	257·8	−2·6	*257·7*	11	−6
247	Velsk	61 5	42 7	? 83	1002·3	1013·4	..	261·6	269·0	18th	251·5	238·2	15th	256·6	..	*257·2*	..	..
248	Oust-Tsylma . . .	65 27	52 10	? 25	..	1012·0	+0·9	..	267	..	..	236	..	254·2	−4·0	*254·1*	..	..
	Troitsko-Petcherskoe .	62 42	56 13	? 123	998·4	1014·9	..	..	264·0	18th	250·6	240·4	16th	255·8	..	*255·7*	15	..
249																		
250	Berezov	63 56	65 4	39·9	1011·6	1017·1	+0·7	..	266·7	17th	246·1	229·9	2nd	250·0	−3·6	*249·9*	4	−5
251	Obdorsk	66 31	66 35	23·7	1012·8	1016·0	+2·4	..	265·7	17th	243·7	227·5	2nd	247·3	−4·4	*247·2*	3	−6
252	Sourgout	61 15	73 24	? 40	1014·2	1019·7	+0·1	..	260·9	18th	242·7	225·0	3rd	249·4	−5·9	*249·2*	13	+3
253																		
254	Touroukhansk . . .	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Doudinka	69 7	87 0	? 20	1016·3	1019·1	..	..	258·6	27th	240·9	218·0	3rd	244·9	..	*244·8*	6	..
261																		
262	Olekminsk	60 22	120 26	? 135	1009·9	1029·4	−0·4	..	260·4	19th	235·0	219·4	7th	240·3	−4·1	*240·2*	7	..
263	Iakoutsk	62 1	129 43	? 108	1014·3	1030·3	+1·6	..	246·9	21st	..	..	..	235·6	−0·2	*235·5*	14	+10
264	Verkholansk . . .	67 33	133 24	? 100	1013·0	1028·5	+5·7	..	238·6	28th	221·0	212·7	2nd	225·2	−2·6	*225·1*	0	−2
	Oust-Maiskoe . . .	60 25	134 29	? 100	..	..	..	..	248·8	..	228·6	213·0	..	233·9	..	*233·8*	1	..
272																		
	Novo-Mariinskii Post .	64 45 N.	177 33 E.	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

FEBRUARY—ZONE 3. Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1001·7	..	277·1	279·7	22nd	273·1	269·7	sev. dates	275·1	..	..	249	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	1014·5	1017·9	+10·7	279·6	283·0	22nd	272·7	269·1	5th	276·2	+2·0	..	173	−17
310	Prince Rupert	54 18	130 18	52	..	1017·9	..	279·3	284·1	14th	272·7	267·4	4th	276·0	..	..	146	−26
311	Barkerville	53 2	121 35	1274	..	1020·3	..	268·1	276·9	13th	258·7	241·9	4th	263·4	−2·7	*263·5*	41	+ 5
312	Kamloops	50 41	120 29	380	..	1022·7	+ 5·1	269·6	278·6	18th	260·1	244·8	6th	264·8	−5·8	*264·8*	26	0
					..	..												
313	Calgary	51 2	114 2	1033	..	1019·6	− 0·4	270·7	286·9	15th	259·7	245·2	4th	265·2	+2·3	*265·3*	14	..
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	..	1018·3	0·0	262·7	277·4	13th, 16th	250·2	233·8	1st	256·4	+1·4	*256·9*	20	+ 5
316	Qu'Appelle	50 30	103 47	645	..	1017·9	− 1·0	262·5	278·0	16th	252·1	239·1	26th	257·3	+1·3	*257·6*	28	+ 3
317	Minnedosa	50 15	99 50	518	..	1018·9	..	259·8	272·7	13th	249·1	236·1	12th, 26th	254·4	−1·1	*254·2*	22	..
318	Berens River	52 18	97 23	216	..	..	..	257·7	265·2	..	244·3	234·7	..	251·0	..	*250·8*	8	+25
318*a*	York Factory	57 0	92 28	11	1015·0	1016·5	− 1·8	..	..	..	237·1	231·9	9th, 10th	..	..	..	32	..
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	1015·4	1016·7	..	255·6	268·0	25th	240·4	230·2	15th, 16th	248·0	−6·6	..	14	..
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1007·7	..	..	247·8	261·3	21st	241·1	233·0	5th, 6th	244·5	..	..	5	−42
326	Point Riche	50 42	57 25	10·7	..	..	..	..	276·9	..	..	243·6	..	259·2	−3·4	..	23	−37
327	Belle Isle	51 53	55 23	133	982·6	1000·0	− 9·9	263·1	274·7	20th	253·0	240·8	7th	258·1	−3·7	..	20	..
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1016·0	1017·7	+ 4·2	281·9	285·2	11th	277·6	273·0	19th	279·8	−0·3	279·9	99	−27
335	Aberdeen	57 10	2 6	27·4	1013·7	1017·1	+ 5·4	279·7	284·1	3rd	275·2	272·4	19th	277·5	+1·1	277·4	19	−17
336	Greenwich	51 28	W 0 0	48·5	1016·0	1022·1	+ 6·2	281·2	285·8	4th	275·0	268·6	23rd	278·1	+0·9	277·9	21	..
337	Uccle	50 48	E 4 22	100	1010·7	1023·3	+ 6·7	280·6	286·1	25th	273·5	265·9	21st	277·1	+1·7	276·8	27	−31
338	De Bilt	52 6	5 11	3·0	1022·8	1023·2	+ 6·4	280·3	284·3	26th	272·8	265·0	20th	276·6	+1·0	276·4	31	−24
338*a*	Hamburg	53 33	9 59	26·0	1019·6	1022·8	+ 7·4	278·6	283·0	8th	273·6	268·0	18th, 20th	276·1	+1·8	*275·9*	23	−18
339	Copenhagen	55 41	12 36	5·0	1019·9	1020·6	+ 6·5	276·2	279·7	7th	272·4	269·0	23rd	274·3	+1·8	*274·4*	20	− 3
340	Potsdam	52 23	13 4	84·9	1012·8	1023·6	+ 6·9	278·6	284·1	5th	271·0	263·5	20th	274·8	+1·2	274·4	33	−16
340*a*	Upsala	59 51	17 38	24·0	1010·7	1013·7	+ 0·1	274·8	278·0	10th	269·0	262·7	28th	271·9	+3·7	272·1	20	− 5
341	Warsaw	52 15	21 1	120	..	1022·2	+ 4·0	..	279	..	..	262	..	272·3	+2·1	*272·2*	20	+ 4
342	Jurjev	58 23	26 43	74·5	..	1012·6	− 3·5	..	275	..	..	246	..	268·2	+2·5	*268·1*	34	..
343	Petrograd	59 56	30 16	4·8	..	1011·9	− 4·2	..	275	..	..	253	..	265·9	+1·3	*265·8*	34	+12
344	Kiev	50 27	30 30	182·9	..	1020·8	+ 1·3	..	280	..	..	254	..	269·1	+1·3	*269·0*	16	− 3
344*a*	Moscow	55 45	37 34	156	..	1015·4	− 4·3	..	275	..	..	249	..	263·8	+0·4	*263·8*	21	− 8
345	Saratov	51 32	46 3	59·9	..	1017·8	− 4·4	..	274	..	..	245	..	259·8	−2·8	*259·7*	11	+ 7
346	Kazan	55 47	49 8	79·8	..	1016·0	− 5·5	..	271	..	..	243	..	257·7	−3·2	*257·6*	19	+ 5
347	Orenburg	51 45	55 6	114·1	..	1021·9	− 2·9	..	272	..	..	238	..	255·4	−3·4	*255·3*	20	+ 5
348	Perm	58 1	56 15	163·0	..	1017·0	− 3·3	..	266	..	..	246	..	256·6	−3·3	*256·4*	23	..
349	Ekaterinburg	56 50	60 38	288·9	..	1019·6	− 2·3	..	271	..	..	237	..	255·8	−3·4	*255·6*	13	+ 6
350	Tobolsk	58 12	68 14	108·3	1005·9	1020·7	..	..	264·4	28th	249·7	236·1	2nd	253·8	−4·1	*253·6*	8	+35
351	Akmolinsk	51 12	71 23	? 347	980·0	1025·9	− 2·3	..	271·0	17th	250·7	239·6	3rd	256·6	+0·9	*256·5*	38	+ 1
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	10	+ 1
353	Barnaoul	53 20	83 47	162·2	1007·0	1028·8	− 1·8	..	270·2	18th	251·2	237·5	4th	257·9	+1·7	*257·7*	18	+ 1
354	Tomsk	56 30	84 58	121·6	1009·6	1026·1	− 1·0	..	268·0	10th	250·0	232·8	3rd	255·7	−0·7	*255·5*	22	..
355	Minousinsk	53 43	91 41	? 245	996·6	1029·5	..	..	269·6	19th	249·4	239·3	14th	255·7	..	*255·5*	5	+ 2
356	Eniseisk	58 27	92 11	84·4	1015·9	1027·5	0·0	..	266·8	27th	246·5	227·5	3rd	253·7	−0·6	*253·5*	14	− 1
357	Irkutsk	52 16	104 19	467·0	969·8	1031·5	− 0·4	..	270·4	27th	248·6	235·7	7th	255·2	−1·6	*255·1*	5	..
358	Kirensk	57 47	108 7	? 263	995·9	1032·1	..	..	269·2	1st	243·0	224·7	7th	248·8	..	*248·7*	10	..
359	Tchita	52 2	113 30	663·7	942·6	1030·4	..	..	269·5	20th	242·3	232·5	8th	249·4	..	..	0	+11
360	Blagoveshchensk Priisk	58 10	114 17	? 490	965·5	1032·5	..	..	267·6	1st	240·5	223·2	7th	246·3	..	*246·2*	12	− 1
360*a*	Nertchinsk	51 59	116 35	484·3	963·8	1029·4	..	..	262·0	20th	240·0	231·2	6th	247·2	+2·2	*247·2*	1	..
361	Tygan Ourkan	54 5	124 46	? 359	974·7	1022·7	..	258·8	265·0	10th	244·5	232·9	18th	251·7	..	*251·5*	5	..
362	Blagovesnchensk	50 15	127 38	133·6	1002·0	1020·0	..	..	268·7	1st	245·4	241·6	18th	255·3	+3·0	*255·3*	4	..
363	Paikanskii Sklad	50 11	130 7	? 145	..	..	..	..	265·5	10th	240·8	233·5	17th	249·9	..	*249·9*	27	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1013·2	1016·1	− 3·3	..	270·7	9th	248·2	238·7	20th	253·6	+1·7	*253·5*	9	− 5
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	991·4	1002·7	− 1·8	264·9	272·0	8th	258·0	248·7	4th	261·5	−1·3	..	20	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N. FEBRUARY—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	..	1019·6	+4·4	279·7	283·3	16th	273·4	270·2	25th	276·6	−1·8	276·4	49	− 42
412	Portland, Oregon	45 32	122 41	46·6	1015·2	1020·6	+2·0	280·8	290·2	15th	273·6	269·7	9th	277·3	−0·9	*277·0*	29	−117
413	Macleod	49 44	113 24	954	..	..	..	268·9	281·1	16th	258·7	241·3	4th	263·8	−1·7	*263·8*	20	+ 12
414	Helena	46 34	112 4	1253	873·7	1022·3	+2·7	269·1	284·1	15th	259·7	246·9	8th	264·6	−3·0	*264·6*	10	− 8
414*a*	Salt Lake City	40 46	111 54	1329	865·9	1016·6	−2·0	276·9	286·9	17th	269·1	261·9	21st	272·9	−0·6	*272·7*	42	+ 8
415	Cheyenne	41 8	104 48	1856	808·7	1019·6	+2·7	271·3	287·4	17th	259·7	248·0	22nd	265·5	−4·3	*265·3*	19	+ 5
416	North Platte	41 8	100 45	859	917·7	1022·0	+3·7	274·1	293·0	17th	259·1	245·2	28th	266·7	−2·2	*266·4*	24	+ 13
416*a*	Bismarck	46 47	100 38	510·6	957·7	1021·3	+1·4	268·0	287·4	17th	256·9	241·9	1st	262·4	+2·6	*262·0*	1	− 13
417	Winnipeg	49 53	97 7	231·6	..	1019·6	−1·0	260·0	270·9	18th	249·5	239·8	26th	254·7	−0·1	*254·3*	15	− 2
418	Duluth	46 47	92 6	345·1	974·2	1018·3	−0·3	263·0	272·4	14th	253·6	241·3	5th	258·3	−4·4	*258·3*	28	+ 3
419	Port Arthur	48 27	89 12	196·3	..	1016·9	−2·0	263·4	271·9	18th, 19th	250·4	242·4	5th	256·9	−2·4	*256·9*	14	+ 1
420	Chicago	41 53	87 37	250·9	987·5	1018·9	+0·3	273·6	289·7	19th	264·7	254·1	5th	269·0	−0·3	*269·1*	50	− 5
421	Toronto	43 40	79 24	106·7	..	1017·6	−0·7	270·8	284·8	20th	262·3	254·4	10th	266·6	−0·4	265·6	29	− 30
422	New York	40 43	74 0	95·7	1005·1	1017·3	−1·4	276·9	288·6	28th	267·4	260·8	13th	272·4	+0·1	272·3	55	− 41
423	St. John, N.B.	45 17	66 4	21·3	..	1012·5	−2·4	268·5	280·9	1st	259·8	249·3	10th	264·2	−2·0	*264·2*	68	− 15
424	S. W. Point, Anticosti	49 24	63 35	12·2	1006·9	1008·5	−2·7	263·7	275·2	1st	254·7	244·1	6th, 9th	259·2	..	..	77	..
425	Sable Island (Main Station)	43 57	60 6	7·6	..	1009·8	..	273·8	282·4	1st	266·3	258·0	10th	270·1	−1·1	..	124	+ 6
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1002·7	−7·1	268·7	283·0	1st	261·9	250·8	7th	265·3	−2·8	..	73	− 71
435	Madrid	40 24	3 41	655·4	943·5	1021·5	+1·1	285·6	289·8	9th	274·1	269·6	3rd	279·9	+0·1	278·9	27	0
436	Nantes	47 15	W 1 34	41·4	1017·0	1022·1	+3·1	282·5	287·1	7th	275·3	269·1	19th	278·9	−0·1	*278·6*	37	− 18
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1016·9	1023·2	+5·0	281·8	286·8	25th	273·2	267·5	20th	277·5	+0·4	*277·0*	20	− 13
438	Marseilles	43 18	5 23	75·0	1010·4	1019·7	+3·3	285·7	289·6	9th	277·1	273·5	22nd	281·4	+0·4	*280·8*	13	− 23
438*a*	Zürich	47 23	8 33	493·2	964·5	1025·1	+4·6	..	284·3	6th	..	265·2	19th	..	+0·2	274·0	19	− 38
439	Rome	41 54	12 29	63·4	..	1018·4	+2·0	285·0	289	9th	277·7	271	17th	281·4	−0·1	*281·1*	76	+ 12
440	Vienna	48 15	16 22	202·5	999·1	1024·6	+5·7	276·7	283·0	4th	270·0	263·6	19th	273·4	+0·3	273·3	9	− 24
440*a*	Buda-Pesth	47 30	19 2	129·6	1008·9	1025·4	+5·4	277·0	284·2	5th	268·7	262·0	20th	272·9	0·0	*272·6*	6	− 25
441	Bucharest	45 25	26 6	82	1014·4	1025·0	+4·4	..	284·3	28th	..	257·0	1st	270·6	−2·3	..	6	− 21
442	Odessa (University)	46 29	30 46	65·3	..	1023·6	+3·6	274·7	281·4	5th, 9th	268·1	258·8	17th	271·4	+1·0	*271·5*	7	− 12
443	Kharkov (University)	50 0	36 14	140	..	1021·0	−0·1	..	278	..	..	250	..	266·2	+0·3	*266·1*	12	− 13
444	Novorossiisk	44 40	37 49	37	..	1021·0	+1·6	..	281	..	..	259	..	272·6	−2·8	*272·5*	67	+ 7
444*a*	Tiflis	41 43	44 48	409	..	1021·6	−0·6	..	285	..	..	263	..	274·2	−0·8	*274·2*	9	− 11
445	Astrakhan	46 21	48 2	−14	..	1022·3	−1·0	..	277	..	..	251	..	265·7	−1·3	*265·6*	18	+ 10
446	Fort Alexandrovsk	44 31	50 16	24	1017·8	1020·8	−2·0	278·0	15th	266·0	257·3	3rd	269·1	−0·5	*269·0*	10	+ 4
447	Krasnovodsk	40 0	52 59	−15	..	1021·5	−0·7	..	285	..	..	263	..	276·2	−0·1	*276·2*	..	..
448	Tachkent	41 20	69 18	479·2	963·9	1022·7	−1·7	279·7	288·2	17th	268·5	263·8	3rd	274·1	+0·1	*273·8*	24	− 11
449	Tourgay	49 38	63 27	? 130	1007·6	1025·1	..	..	270·3	16th	250·1	240·0	2nd	256·0	..	..	15	..
450	Narynskoe	43 16	76 53	? 2015	794·8	..	..	..	270·8	3rd	251·5	245·0	12th	258·0	−0·3	*257·9*	12	+ 4
451	Vernyi	43 16	76 53	824·8	923·1	1023·8	−3·6	274·4	287·5	17th	..	..	..	268·4	+3·3	*268·3*	36	+ 11
452	Mukden	41 48	123 23	43·8	1020·0	1025·8	−1·3	270·3	279·8	4th	257·1	244·8	9th	263·7	+0·8	263·5	8	+ 2
461	Joshin	40 40	129 11	4·0	1018·0	1018·5	−1·6	274·6	279·5	4th	263·0	251·9	9th	268·8	+0·1	268·6	6	− 9
462	Vladivostok	43 7	131 54	26·8	1015·5	1019·0	−4·4	268·9	276·6	2nd	258·5	246·8	8th	263·7	+1·1	*263·8*	22	+ 17
463	Ochiai	47 20	142 44	6·6	1010·9	1011·8	..	265·6	276·2	3rd	248·7	235·3	17th	257·2	..	258·3	30	..
464	Nemuro	43 20	145 35	26·7	1008·1	1011·5	−1·3	271·0	277·0	22nd	259·9	255·7	17th	265·4	−1·8	266·1	36	+ 16
465		N.	E.															
466																		

Between Latitude 40° N. and 30° N. FEBRUARY—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1010·5	1016·2	−3·0	287·4	294·1	15th	280·8	278·0	22nd	284·3	+0·6	*283·9*	11	− 84
512	San Luis Obispo	35 18	120 39	61·3	1008·8	1016·6	−3·0	289·1	299·1	15th	278·0	273·0	23rd	283·6	−0·8	*283·5*	42	− 48
513	Modena	37 48	113 54	1670	830·7	1015·2	−2·0	278·0	286·9	16th	263·0	248·0	19th	270·6	−2·2	*270·4*	30	0
514	San Diego	32 43	117 10	26·5	1013·2	1016·6	−1·4	288·6	295·8	15th	281·3	277·4	20th	284·9	−0·7	*284·8*	61	+ 10
515	Santa Fé	35 41	105 57	2138	782·5	1015·2	0·0	276·9	283·0	17th	266·3	258·0	23rd	271·4	−1·6	*271·1*	29	+ 8
516	Denver	39 45	105 0	1613	834·4	1018·9	+2·7	273·0	290·2	17th	261·3	251·9	22nd	267·3	−5·2	*267·0*	24	+ 13
517	Abilene	32 23	99 40	529·6	956·0	1018·6	+1·0	284·7	296·9	19th	272·4	265·8	2nd	278·6	−1·6	*278·4*	14	− 13
518	Saint Louis	38 38	90 12	172·8	998·6	1020·0	+0·3	277·4	293·6	18th	268·6	257·4	1st	272·9	−0·9	*272·7*	30	− 41
519	Mobile	30 41	88 2	17·4	1016·9	1018·9	−0·7	290·2	298·0	27th	280·2	271·9	14th	285·2	+0·4	*285·0*	86	− 51
520	Nashville	36 10	86 47	166·4	1001·0	1021·3	+1·4	281·9	294·1	18th	272·4	263·0	13th	277·2	−0·8	*277·1*	120	+ 10
521	Charleston	32 47	79 56	14·6	1016·9	1018·6	−1·4	289·1	299·1	28th	281·3	272·4	13th	285·2	+1·3	*284·9*	140	+ 53
522	Washington	38 54	77 3	34·1	1014·2	1018·6	−1·0	280·2	293·0	22nd	270·8	262·4	13th	275·6	+1·2	*275·5*	35	− 51
523	Bermuda	32 17	64 46	46·0	1013·0	1018·5	−0·4	292·8	295·2	15th	286·4	280·9	26th	289·6	+0·1	*289·8*	150	+ 28
524	Horta	38 32	28 38	30	..	1017·0	−5·1	289·0	291	19th, 20th	285·6	280	5th	287·3	−0·2	..	70	+ 6
531	Ponta Delgada	37 44	25 40	17	..	1018·3	−1·1	288·7	290	sev. dates	285·0	281	17th	286·8	−0·1	..	46	− 42
532	Madeira (Funchal)	32 37	16 54	25	1018·8	1021·8	+1·5	291·2	293·3	8th	281·8	280·2	17th	286·5	−0·7	..	105	+ 21
533	Lisbon	38 43	9 9	95·4	1009·6	1021·3	+1·4	287·0	289·5	8th, 11th	281·2	276·7	22nd	284·1	−0·2	*284·0*	41	− 46
534	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
535	Gibraltar	36 6	5 21	16·2	1019·0	1021·0	+2·2	289·4	293·6	15th	283·3	279·1	21st, 22nd	286·4	0·0	285·9	114	+ 10
536		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*

FEBRUARY—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1012·3	1016·9	−1·2	289·3	292·4	2nd, 19th	283·3	278·7	22nd	286·3	−0·5	285·9	78	+12
538	Palma	39 33	2 42	..	..	1020·0	+2·5	288·4	293	12th	279·9	278	7, 19, 25	284·2	−0·1	..	54	+21
538a	Tunis	36 48	10 10	43	1016·2	1021·5	+4·2	287·1	293·0	2nd	278·7	273·0	15th, 16th	282·9	−1·2	..	112	+66
539	Malta	35 54	14 31	59	..	1018·4	+2·8	287·5	290	2, 18, 19	283·0	278	14th, 16th	285·2	−0·4	..	80	+23
540	Catania	37 30	15 3	64·9	..	1017·8	+2·7	287·3	291·3	3rd	280·2	274·0	16th, 17th	283·8	+0·2	..	52	−3
541	Athens	37 58	23 43	107·1	..	1019·1	+1·5	283·6	290	5th	278·1	275	sev. dates	280·8	−1·6	280·7	113	+74
542	Alexandria	31 9	29 54	32·0	..	1017·8	0·0	291·4	300	23rd	283·8	279	16th	287·6	−0·6	287·0	36	+12
543	Cairo (Helwan)	29 52	31 20	115·6	..	1018·6	+0·3	292·7	302	23rd	281·2	277	4th	287·0	−0·1	..	13	+9
544	Nicosia	35 12	33 24	22·1	..	1016·6	−0·3	287·2	291	11th	273·7	271	3rd, 4th	280·4	−2·9	282·2	77	+34
544a	Beirut	33 54	35 28	52·4	..	1016·6	+2·5	288·8	295	24th	283·1	280	3rd, 4th	286·0	−0·7	..	124	−24
545	Baghdad	33 21	44 28	38·7	1013·9	1018·7	+0·2	288·8	294·3	27th	276·9	271·2	3rd	282·9	−1·8	..	24	−11
546	Lenkoran	38 46	48 52	−19	1023·9	1021·6	−0·1	..	282·9	12th	272·7	260·7	4th	275·4	−2·4	275·4	85	+8
547	Busrah	30 31	47 53	7·6	1017·8	1018·9	−1·4	288·4	293·8	28th	281·2	275·6	4th	284·8	−2·3	..	25	−1
548	Meshed	36 16	59 35	946	906·8	1020·7	..	279·4	284·9	17th	266·7	254·2	5th	273·1	−3·0	..	48	+24
549	Quetta	30 11	67 3	1677	833·4	..	−0·3	284·1	288·6	4th	271·3	266·2	10th	277·7	−1·1	277·6	95	+44
550																		
551	Lahore	31 34	74 20	214	991·3	1017·1	+0·4	294·4	297·7	13th	281·8	277·3	3rd	288·1	+0·4	287·5	35	+10
551a	Simla	31 7	77 8	2204·8	781·0	..	+1·2	281·2	286·0	8th	274·8	270·8	16th	278·0	+0·2	277·9	158	+74
552	Leh	34 10	77 42	3503	664·1	..	+1·1	272·7	280·4	22nd	260·4	255·2	2nd	266·6	−0·1	265·6	4	−4
552a	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	206	+147
559	Hang Kow	30 35	114 17	37·0	1021·3	1025·9	0·0	282·6	288·0	21st, 27th	276·2	272·0	11th	279·4	+0·7	279·1	62	+35
560	Tiensin	39 10	117 10	5·0	1025·9	1026·6	−0·3	276·7	285·5	21st	266·5	260·4	9th	271·6	+0·2	..	0	−3
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1024·3	+0·1	282·1	290·0	21st	274·3	298·2	12th	278·2	+0·2	277·2	71	+14
562	Jinsen (Chemulpo)	37 29	126 32	67·6	1015·6	1024·4	+1·5	274·0	285·1	21st	265·5	254·6	9th	269·8	−1·1	269·3	5	−10
562a	Nagasaki	32 44	129 52	133·0	1004·8	1021·3	+0·2	282·2	289·2	5th	275·3	268·8	10th	278·7	−0·5	278·3	65	−13
563	Kioto	35 1	135 44	42·9	1013·4	1018·8	−0·8	283·2	291·8	21st	270·8	262·1	12th	277·0	+0·5	276·3	57	−4
564	Tokio	35 41	139 45	21·3	1012·7	1015·3	−1·4	282·5	288·7	22nd	273·4	268·9	11th	278·0	+0·9	277·5	83	+11
565	Miyako	39 38	141 59	30·4	1010·6	1014·4	−1·0	279·9	288·3	22nd	267·9	261·3	10th	273·9	+0·3	273·0	6	−58
566																		
		N.	E.															

FEBRUARY—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1015·7	1016·9	+0·5	297·4	299·1	15th	291·2	287·4	1st	294·3	−0·1	..	22	[illegible]
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
616	Leon	21 7	101 41	1798·6	822·1	..	−1·2	295·9	298·2	24th	281·6	276·5	15th	288·8	+0·2	..	0	[illegible]
617	Galveston	29 18	94 50	16·5	1016·6	1018·6	+0·3	288·6	294·1	27th	283·0	275·2	8th	285·8	−0·3	285·7	83	[illegible]
618	New Orleans	29 58	90 4	15·5	1016·9	1018·9	0·0	290·2	298·0	21st	280·8	274·1	14th	285·6	−0·9	285·4	56	[illegible]
619	Havana	23 8	82 22	24·3	..	1017·8	−0·4	299·8	303·4	12th	292·8	290·2	18th	296·3	+1·5	296·2	41	[illegible]
620	Key West	24 33	81 48	6·7	1016·9	1017·6	−0·7	299·1	301·3	21st	293·0	285·8	17th	296·1	+1·6	296·0	40	[illegible]
621	Nassau, Bahamas	25 5	77 21	7·6	..	1018·3	+0·5	299·7	305·8	20th	293·3	290·5	21st	296·5	+1·5	..	28	
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
634	Las Palmas, Canary Islands	28 7	W 15 26	7	1020·1	1020·9	+1·0	295·9	299·0	19th	288·0	286·0	17th, 18th	292·0	+1·3	..	8	[illegible]
637	Insalah	27 17	E 2 27	330	..	..	..	296·4	301·4	20th	280·0	273·5	15th	288·2	0·0	287·4	0	[illegible]
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1021·6	+0·1	297·6	306	23rd	277·5	274	10th	287·6	−0·8	288·1	..	[illegible]
642	Wadi Halfa	21 55	31 20	128·3	..	1018·2	−0·1	296·8	306	23rd	281·1	277	1st	289·0	−1·5	289·3	..	[illegible]
643	Suez	29 57	32 32	3·4	..	1018·0	+0·7	293·3	298	22nd	280·5	277	4th	286·9	−1·5	..	1	[illegible]
644	Aswan	24 2	32 53	99·6	..	1018·6	+0·1	296·7	303	23rd	282·8	280	19th	289·8	−1·7	289·2	..	[illegible]
647	Bushire	28 59	50 53	4	1016·2	1016·9	−0·9	290·0	297·1	27th	283·1	276·9	5th	286·6	−1·6	..	42	[illegible]
648	Jask	25 44	57 47	4	1015·5	1015·9	−0·6	296·4	298·4	3rd	289·1	285·4	6th	292·8	−0·4	..	38	[illegible]
649	Kurrachee	24 53	66 57	4	1015·8	1016·2	0·0	298·2	303·0	5th	289·4	285·8	25th, 26th	293·8	+0·2	293·5	25	[illegible]
650	Hyderabad, Sind	25 24	68 18	29	1012·9	1016·3	0·0	298·6	303·0	6th	285·6	279·7	25th	292·1	−0·7	..	34	[illegible]
651	Jaipur	26 56	75 52	436	965·7	1016·4	−0·1	298·3	303·9	7th	285·4	277·8	26th	291·8	+0·4	291·2	7	[illegible]
652	Nagpur	21 8	79 5	310	979·4	1015·0	+0·2	304·2	307·8	23rd	289·7	284·6	18th	296·9	+0·3	296·7	6	[illegible]
653	Allahabad	25 25	81 51	94	1004·9	1016·0	+0·5	298·7	303·9	25th	286·0	281·9	1st	292·4	+0·5	291·8	49	[illegible]
654	Calcutta	22 36	88 23	6	1014·7	1015·4	+0·5	300·5	304·4	24th	289·7	285·5	6th	295·1	+0·3	294·6	89	[illegible]
655	Gauhati	26 8	91 41	59	1009·4	1016·4	..	297·8	302·3	25th	286·2	280·6	4th	292·0	..	..	83	[illegible]
655a	Cherrapunji	25 15	91 42	1314	872·5	..	..	294·9	301·7	15th	282·3	279·7	1st	288·6	..	..	123	[illegible]
656	Shillong	25 33	91 48	1500	851·4	..	..	290·1	294·1	27th	279·4	275·6	4 dates	284·8	..	..	49	[illegible]
656a	Akyab	20 11	92 56	6	1013·8	1014·4	+0·1	302·6	306·8	27th	289·8	286·3	3rd, 5th	296·2	+0·3	296·0	2	[illegible]
657	Phu Lien	20 48	106 37	115·6	1003·7	1017·4	+0·5	293·9	299·6	19th	288·8	284·3	12th	291·4	+1·4	290·7	26	[illegible]
658	Moncay	21 31	107 51	9	1016·9	1018·0	+0·7	293·6	299·8	19th	287·4	282·0	12th	290·5	+1·4	289·8	14	[illegible]
659																		
660	Hong Kong	22 18	114 10	33·2	1014·9	1018·8	0·0	291·1	296·3	19th	287·1	283·4	26th	289·1	+1·2	288·8	61	[illegible]
661	Taihoku, Formosa	25 2	121 31	9·3	1019·2	1020·3	0·0	292·4	299·6	22nd	285·3	281·4	11th	288·8	+0·8	288·2	108	[illegible]
662	Naha	26 13	127 41	10·5	1018·3	1019·6	+0·4	293·0	298·9	22nd	286·4	281·3	12th	289·7	+0·8	289·5	139	[illegible]
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

FEBRUARY—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	809·3	..	..	295·9	299·3	24th	280·6	276·8	19th	288·3	..	288·1	0	..
717	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	19 26	99 8	2280	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718a	Oaxaca	17 4	96 44	1563	846·6	..	..	301·9	305·0	3rd	283·5	280·3	18th	292·7	..	292·5	3	..
719	Belize	17 29	88 12	1·9	1016·9	1017·1	+0·5	302·6	305·8	14th	297·5	294·1	16th	300·1	+1·3	299·1	46	−31
720	San Salvador	13 44	89 9	657	939·7	1013·3	+1·9	..	307·2	..	..	285·4	..	295·8	−0·3	..	0	−5
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1016·1	+0·8	302·1	303·4	9th	292·7	289·8	6th	297·4	−0·1	297·4	15	−24
722	Port au Prince	18 34	72 22	37·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	1015·6	1016·3	..	300·0	302·0	25th	295·1	293·2	19th	297·6	..	..	40	..
724	Grenada (Richmond Hill)	12 3	61 45	155·1	996·5	1014·4	+0·5	300·4	301·3	1, 12, 21	294·8	293·6	15th, 18th	297·6	−0·4	297·2	83	+11
725	Barbados	13 8	59 36	55·2	..	1013·5	+1·0	300·8	301·9	27th	293·3	291·1	19th	297·1	−1·2	296·9	27	−10
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1014·8	1016·1	+1·5	295·4	297·8	18th	291·6	289·0	1st	293·5	−1·0	..	48	+45
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·3	1016·3	..	297·4	299·0	3rd, 9th	292·6	290·8	16th	295·0	−0·1	..	9	+7
733	Bathurst	13 24	16 36	1·5	1012·8	1013·0	+0·2	303·4	309·7	3rd, 28th	292·2	288·6	1st, 24th	297·8	+0·9	297·4	0	0
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	312·4	316·3	3rd, 14th	291·5	288·6	4th, 27th	302·0	+1·6	..	0	0
735	Ségou	13 34	6 17	? 272	..	..	..	..	..	..	289·3	285·5	28th	..	..	..	0	..
736	Timbouctoo	16 43	W 2 52	250	984·3	1012·9	+0·6	307·1	312·0	7, 9, 23	286·9	279·2	15th	297·0	+0·4	296·8	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	306·3	309·7	18th	292·8	288·0	14th	299·6	+0·6	..	0	0
738	Kontagora	10 24	5 24	400	..	..	..	310·8	313·0	24th	291·6	286·9	15th	301·2	+0·3	..	0	0
739	Maiduguri	11 48	13 12	370	..	..	..	308·2	311·9	12, 22, 23	289·6	286·3	8, 9, 10	298·9	+0·4	..	0	0
740	Katagum	12 17	10 22	30·7	..	..	..	308·7	313·0	23rd	288·2	285·2	21st	298·5	+1·1	..	0	0
742	Kadugli	11 2	29 45	503	..	..	..	309·6	314·0	sev. dates	287·7	283·5	10th	298·7	..	..	0	..
743	El Obeid	13 11	30 14	585	..	1015·4	+0·5	304·2	310	24th	285·0	281	9th	294·6	−0·7	295·3	0	0
744	Khartoum	15 37	32 33	390	..	1013·4	+0·3	304·1	313	14th	288·0	283	20th	296·0	−0·8	296·2	0	0
746	Aden	12 45	45 3	28·7	1011·4	1014·6	−0·3	299·8	300·8	28th	296·7	295·4	3rd	298·3	−0·1	297·7	4	−4
751	Bombay	18 54	72 49	11·3	1012·6	1014·0	+0·6	301·9	303·3	21st	293·8	290·5	26th	297·9	+0·6	297·4	2	+1
752	Mysore	12 18	76 40	768	928·7	1013·4	+0·2	304·6	306·6	18, 19, 24	291·2	286·9	5th	297·9	+0·5	297·5	0	−4
752a	Kodaikanal	10 13	77 28	2343	772·1	..	−0·6	293·1	296·1	24th, 25th	281·4	277·7	5th	287·3	+0·3	286·3	27	−17
753	Madras	13 4	80 14	6·7	1013·6	1014·2	−0·2	303·4	304·9	25th	294·8	291·1	10th	299·1	+0·8	299·0	4	−5
754	Waltair	17 45	83 16	68·9	1007·4	1015·2	+0·4	301·5	302·8	23, 24, 28	294·9	292·4	4th	298·2	..	297·7	32	+6
755	Port Blair	11 40	92 40	17·7	1010·8	1012·8	−0·4	303·8	304·8	16, 17, 26	297·7	295·5	5, 15, 23	300·8	+0·3	300·3	1	−25
756	Rangoon	16 46	95 48	5·5	1013·1	1013·9	+0·1	307·0	309·1	17th, 26th	292·9	291·1	11th	299·9	+0·6	298·7	0	−7
757	Saigon	10 46	106 42	11·2	1010·1	1011·3	+0·3	306·0	308·4	18th	294·6	292·1	12th	300·3	−0·1	..	8	+3
758	Nhatrang	12 16	109 12	6·8	1014·0	1014·7	+1·1	301·9	304·0	26th	294·2	291·4	7th	298·1	0·0	..	12	−8
759	Bolinao	16 24	119 53	9·5	..	1012·3	−0·3	304·8	306·8	21st, 25th	294·8	292·1	1, 12, 18	299·8	+0·4	299·4	1	−12
760	Vigan	17 34	120 23	14·7	..	1012·6	0·0	304·3	305·6	22nd	294·8	291·8	3rd	299·6	+0·3	299·0	0	−3
761	Manila	14 35	120 59	14·2	..	1012·8	+0·2	304·6	306·4	16th	293·0	290·8	25th	298·8	−0·3	298·0	0	−11
762	Ormoc	11 0	124 36	5·6	..	1011·6	+0·2	303·4	305·2	7th, 25th	294·3	291·8	11th	298·9	+0·7	298·6	71	−30
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1011·2	..	301·4	303·4	25th	296·1	292·4	12th	298·8	0·0	..	37	..
		N.	E.															

FEBRUARY—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	304·9	307·4	11th	297·8	295·8	24th	301·4	+0·4	299·8	141	−193
819	Culebra	9 10	79 40	123·1	..	1012·0	+0·5	303·6	305·2	21st	293·6	291·9	4th	298·6	−0·2	..	20	+5
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	El Peru, Guayanavieja	7 30	62 0	? 300	987·3	1021·9	..	300·6	303·6	7th	292·6	290·2	14th	296·6	..	..	44	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1016·7	1016·9	+3·7	301·8	303·6	28th	296·1	294·1	14th	298·9	−0·3	..	61	−93
826	Paramaribo	5 49	55 9	4	1013·7	1014·1	..	301·9	303·0	4th	294·0	291·0	14th	298·0	..	297·0	36	−134
826a	Cayenne	4 56	52 21	6	..	..	..	303·0	304·2	20th	296·4	294·6	13th	299·7	+0·5	299·7	29	−283
833	Conakry	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	0	0
834	Sierra Leone	8 30	13 9	68·3	1002·9	1010·7	−0·3	305·5	308·0	13, 14, 21	296·4	294·7	21st	300·9	−0·2	..	0	−8
835	Cape Coast Castle	5 5	1 13	..	..	..	..	304·5	..	..	295·8	..	..	300·1	+0·2	..	57	+31
836	Accra	5 35	W 0 6	18	..	..	..	303·8	..	..	296·7	..	..	300·2	+0·1	..	159	+127
837	Lagos	6 22	E 3 28	7·6	..	1010·0	−0·1	304·7	306·3	..	297·4	294·7	..	301·1	+0·3	..	76	+27
838	Zungeru	9 48	6 10	130	..	1010·3	−0·3	310·3	311·9	23rd	292·8	288·6	15th, 24th	301·6	0·0	..	0	0
838a	Libreville	0 23	9 26	35	..	..	..	304·5	305·8	16th	294·1	293·2	20th	299·3	−0·4	..	406	+204
839	Yola	9 12	12 30	259	..	..	..	310·4	313·0	24th	296·2	294·1	14th, 20th	303·3	+1·6	..	0	0
841	Kafia Kingi	9 22	24 18	596	945·9	..	..	..	..	..	296·3	295·0	sev. dates	..	..	..	6	..
842	Wau	7 42	28 3	440	..	1010·2	+0·3	309·6	313	24th, 25th	292·4	288	28th	301·0	+0·6	..	0	−11
843	Entebbe	0 5	32 29	1171	882·3	..	−0·5	299·7	303·3	15th	291·1	289·7	23rd, 28th	295·4	+0·1	294·4	186	+103
844	Nandi	0 2	35 5	2010	..	..	..	301·4	303·0	1st	284·7	283·0	4th	293·1	+1·3	..	142	+55
845	Harrar	9 42	42 30	1856	..	..	..	298·6	302·0	16th	287·5	285·0	26th	293·1	..	..	86	..
851	Cothin	10 0	76 21	2·7	1012·3	1012·6	−0·5	305·2	307·6	2nd	296·9	294·2	6th	301·1	+0·4	300·6	56	+37
852	Colombo Observatory	6 54	79 53	7·3	1009·8	1010·6	+0·1	304·2	305·3	3rd, 21st	295·0	292·1	9th	299·6	−0·4	299·1	57	+20
853	Candy	7 18	80 40	504·5	..	..	..	302·1	304·0	26th	292·7	289·9	27th	297·4	−0·1	..	49	−11
855	Medan	3 35	98 41	23·5	..	1010·4	−1·0	..	..	..	..	..	..	..	..	..	108	+10
856	Kota Radja	5 32	95 20	7·1	..	1010·5	−1·0	..	..	..	..	..	..	..	..	..	112	+22
857	Penang	5 34	100 20	5·0	1007·4	1008·0	−1·3	306·5	308·3	16th	296·1	295·2	3rd	301·3	+0·5	..	30	−43
858	Singapore	1 17	103 51	2·2	1010·2	1010·4	0·0	304·4	307·3	26th	296·1	294·7	6th	300·3	+0·4	..	235	+72
860	Sandakan	5 49	118 12	..	..	..	..	303·5	304·1	sev. dates	296·3	295·8	sev. dates	299·9	+0·3	..	219	−40
861	Tagbilaran	9 38	123 51	26·2	..	1011·2	+0·3	304·3	307·0	18th	294·5	291·2	8th	299·4	−0·4	298·4	38	−73
862	Surigao	9 48	125 29	6	..	1011·2	+0·4	303·2	305·6	11th	294·5	291·5	11th	298·9	+0·2	298·6	364	−36
863	Yap	9 29	138 8	31·9	..	1009·3	..	303·6	304·9	25th	296·5	294·9	15th	300·1	..	..	84	..
869	Uyelang	9 42	161 2	< 10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

FEBRUARY—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1010·8	1011·8	+2·9	305·4	306·3	1, 10, 25	296·3	294·7	10th, 15th	300·9	−0·3	*300·2*	31	— 4
906																		
923	Manaos	3 8	59 59	44·9	1005·2	1010·3	+2·0	..	308·2	..	..	296·0	..	300·7	−0·1	..	175	— 59
929	Quixeramobim	5 16	39 15	207·0	988·9	1012·4	+1·7	..	307·6	..	..	293·8	..	299·4	−1·2	*299·3*	266	..
930	Fernando Noronha	3 51	W32 25	95	998·8	1009·8	−1·2	..	302·4	..	..	293·8	..	298·4	..	..	275	+165
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	306·9	309·0	11th	293·0	291·6	25th	300·0	−0·2	...	380	..
940	Loango	4 38	11 50	? 50	..	..	..	303·7	305·5	28th	296·8	295·0	26th	300·3	..	*299·7*	86	— 35
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
944	Nairobi	1 18	36 59	1660	..	..	..	297·9	301·1	27th	284·4	280·8	17th	291·2	−0·1	..	66	— 51
944*a*	Zanzibar	6 10	39 11	21·9	1010·2	1012·6	−0·1	304·3	305·3	25th, 26th	300·1	297·9	14th	302·2	+0·4	*301·7*	39	— 22
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	304·4	305·8	10th	298·3	296·3	7th	301·4	..	..	0	— 7
947	Seychelles	4 37	55 27	4·6	..	1011·0	−0·4	302·4	303·4	..	298·7	297·4	..	300·6	+0·8	..	178	—185
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·1	−1·4	304·1	306·1	3rd	296·6	295·7	1st	300·4	..	299·9	291	+ 54
957	Batavia	6 11	106 50	8	1008·9	1009·8	−0·2	302·2	304·5	16th, 21st	296·8	295·6	28th	299·5	+0·6	299·1	262	+ 5
958	Pontianak	0 1	109 20	2·6	..	1010·4	+0·8	303·5	306·0	27th	296·2	295·0	21st	299·9	..	298·9	242	+ 5
959	Passeroean	7 38	112 55	5·0	..	1009·0	0·0	..	..	..	..	..	..	..	..	..	303	+150
960	Kajoemas	7 56	114 9	950	..	..	..	295·9	298·4	24th	291·2	290·3	2nd	293·6	..	292·9	601	+218
961	Koepang	10 10	123 34	3·3	..	1008·9	+1·8	303·9	306·0	28th	296·7	294·6	21st	300·3	..	300·0	153	—109
962	Ambon	3 42	128 10	4·2	..	1009·2	+0·7	304·7	307·0	21st	296·9	294·9	20th	300·8	+1·1	300·2	10	
965	Daru	9 4	143 13	8	..	1013·7	+4·1	303·1	..	..	296·7	..	..	299·9	−0·4	..	348	+ 31
966	Port Moresby	9 29	147 9	39	..	1009·5	+0·6	303·7	..	..	297·4	..	..	300·6	−0·1	..	221	— 15
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	227	—350
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1007·1	1007·3	+0·4	305·2	307·4	12th	297·8	295·8	22nd	301·5	+0·9	..	134	—280
970	Ocean Island	0 52	169 36	25·6	1004·8	1007·8	−0·3	303·8	305·2	13, 16, 24	297·0	294·7	20th	300·4	−0·4	*299·8*	446	+190
		S.	E.															

FEBRUARY—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																		
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	1007·3	1011·5	−0·3	304·8	308·0	1st, 24th	295·4	294·1	14, 16, 24	300·1	0·0	..	459	+250
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1004·7	1010·1	0·0	304·4	307·6	11th	296·6	294·0	16th	300·5	..	..	297	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	1011·8	1013·0	+0·7	299·9	304·3	8th	289·3	287·4	11th	294·6	+0·1	*294·8*	0	..
1022	Arequipa	16 22	71 33	2451	761·9	..	+0·2	293·3	295·8	8th, 15th	282·3	278·6	17th	287·8	−0·2	*287·6*	15	— 1
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	726·8	..	..	295·8	302	1st, 9th	282·3	278	23rd	289·1	−2	..	132	+ 1
1025																		
1026	Cuyaba	15 36	56 0	235	990·8	1017·6	+0·7	302·2	304·7	..	297·1	295·8	..	299·7	−0·1	..	265	+ 3
1027	Bello Horizonte	19 55	43 56	857·0	918·7	1013·9	..	300·5	302·4	28th	290·6	288·2	22nd	295·6	..	..	407	..
1028	Cætite	14 2	42 37	900	913·0	1012·4	..	..	306·7	..	..	290·1	..	296·1	..	..	132	..
1029	Ondina	13 12	38 30	46·6	1007·7	1013·1	..	..	307·6	..	..	295·5	..	300·2	..	..	58	..
1030	Aracaju	10 55	37 4	4·3	1012·6	1013·1	..	..	304·7	..	..	296·9	..	300·6	..	..	35	..
1035	St. Helena	15 57	W 5 40	632	944·6	1015·9	−1·1	297·4	300·8	9th	288·8	288·0	3, 14, 25	293·2	+1·3	*293·0*	109	+ 17
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	857·0	..	−0·6	300·2	306·1	..	289·2	285·9	..	294·7	+1·2	..	317	+194
1043	Salisbury, Rhodesia	17 49	31 3	1487	854·8	..	+0·3	298·8	301·7	..	288·2	285·0	..	293·5	+0·3	..	184	— 12
1044	Zomba	15 23	35 18	954	904·1	1009·1	−0·6	299·9	302·4	18th	290·8	289·9	20th	295·4	+0·3	*294·9*	153	— 20
1045	Tamatave	18 9	49 26	4	1010·6	1011·0	+0·8	305·3	308·0	26th	296·3	295·4	14th	300·8	−0·1	..	124	+148
1046	Tananarivo	18 55	47 32	1400	861·8	..	−0·6	298·2	300·9	12th	289·2	287·8	9th	293·7	−1·0	292·7	442	
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1010·5	0·0	303·4	305·2	26th	298·1	296·3	11th	300·8	+0·7	..	50	—128
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1005·9	1006·5	−1·2	304·4	305·8	..	298·3	296·6	..	301·4	+1·0	..	148	—142
1058																		
1061	Derby	17 18	123 40	16·2	..	1007·3	+0·4	308·1	313·3	5th	299·3	296·1	8th, 9th	303·7	−0·7	..	52	—136
1062	Hall's Creek	18 13	127 46	373·6	..	1007·1	+0·2	308·0	314·7	2nd	296·4	291·9	9th, 10th	302·2	−0·7	..	153	+ 51
1063	Port Darwin	12 28	130 51	29·6	..	1007·1	+1·1	304·7	307·9	25th	297·9	295·2	7th	301·3	−0·2	*300·2*	192	— 14
1064	Daly Waters	16 16	133 23	210·6	..	1005·2	..	306·5	314·1	1st	296·4	293·6	26th	301·4	−1·4	*300·9*	136	— 72
1065	Mein	13 13	142 57	121·9	..	1007·6	..	304·5	306·8	20th	296·8	295·3	18th	300·7	..	..	306	+208
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	304·1	308·8	3rd	295·3	293·0	6, 23, 24	299·7	..	..	378	+ 58
1067	Samarai	10 37	150 40	6·4	..	1008·5	+0·5	304·3	..	..	296·9	..	..	300·6	−0·1	..	252	— 93
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1009·1	0·0	301·6	303·6	13th, 24th	296·7	294·1	26th	299·1	−0·8	..	152	— 93
		S. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

FEBRUARY—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	301·6	303·0	2, 26, 28	295·7	290·8	9th	298·6	..	..	142	—112
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1010·8	1014·3	..	299·4	301·3	27th	292·6	290·2	12th	296·0	..	*296·3*	62	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1011·5	1014·4	+0·2	294·7	297·0	15th	289·3	288·0	6th, 12th	292·0	+1·2	*291·2*	0	0
1122	Puerto de Antofagasta	23 39	70 25	5	1014·2	1014·8	+1·5	301·9	302·9	10th	291·2	290·7	27th	296·6	+1·3	*296·5*	0	0
1125	Goya	29 9	59 15	64	1005·8	1013·2	0·0	306·1	311·0	10th	294·4	286·0	20th	300·2	+0·5	*299·7*	206	+106
1126	Porto Alegre	30 2	51 13	15	1012·8	1014·5	..	304·7	311·0	6th	292·8	286·9	2nd	298·8	..	..	35	— 21
1127	Curityba	25 26	49 16	908	914·1	1015·0	+1·1	299·9	304·2	..	288·6	282·9	..	294·3	+0·4	*293·7*	66	— 79
1128	Rio de Janeiro	22 54	W43 10	64	1006·9	1014·3	+2·5	301·3	307·0	..	296·3	294·6	..	298·8	−1·2	*298·2*	36	— 72
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141	Johannesburg	26 11	28 4	1874	..	..	..	297·4	300·7	27th	286·2	283·1	21st	291·8	+0·8	*291·3*	78	— 43
1142	Kimberley	28 42	28 47	1202	880·0	..	−1·2	303·4	307·2	19th	289·8	285·8	24th	296·6	−0·1	295·9	91	+ 14
1142*a*	Pretoria	25 45	28 11	1338	867·2	..	−1·2	302·1	306·3	10th	288·7	286·7	18th	295·4	+0·9	..	167	+ 53
1143	Durban	29 51	31 0	14·3	1011·7	1013·3	−2·9	298·6	300·2	23rd	294·8	291·3	4th	296·7	−1·3	..	248	+134
1144	Lorenzo Marques	25 58	32 36	59	..	1010·7	−2·0	303·8	312·6	9th	295·8	294·2	5th	299·8	+0·8	299·2	119	+ 30
1147	Mauritius	20 6	57 33	54·3	1003·5	1009·8	−1·1	302·0	303·5	6th	295·9	292·2	3rd	298·9	−0·3	298·6	145	— 34
1148																		
1159	Onslow	21 43	114 57	4·3	..	1007·5	+0·9	309·6	317·8	20th	297·3	294·1	19th	303·4	+0·4	..	1	— 16
1160	Peak Hill	25 38	118 47	588·3	..	1006·9	+0·2	311·6	315·4	26th	296·6	288·0	8th	304·1	+1·2	..	4	— 27
1161	Nullagine	21 53	120 5	585·6	..	1006·5	+0·5	313·3	317·7	2nd	297·3	292·1	9th	305·3	+1·0	..	4	— 43
1162	Laverton	28 40	122 23	466·3	..	1011·8	+0·6	309·1	316·1	24th	293·4	286·6	5th	301·2	+1·6	..	0	— 22
1163	Alice Springs	23 38	133 37	587·0	..	1007·7	+0·8	306·7	313·7	16th	292·8	288·4	13th	299·8	−1·2	*300·0*	16	— 27
1164	William Creek	28 55	136 21	76·2	..	1010·9	..	307·1	315·2	4th	293·1	288·0	6th	300·1	..	*299·9*	51	+ 41
1165	Boulia																	
1166	Mitchell	22 55	139 38	145·7	..	1007·3	..	308·4	313·9	15th	297·1	291·9	26th	302·8	..	..	88	+ 31
1167	Rockhampton	26 32	147 52	337·1	..	1011·4	..	302·5	309·8	17th	292·6	290·2	23rd, 28th	297·6	..	..	193	+116
1168	Brisbane	23 24	150 30	11·3	..	1012·3	..	302·9	308·0	17th	294·6	291·9	23rd	298·7	..	..	178	— 26
1169	Noumea	27 28	153 2	41·7	..	1014·6	+2·4	302·0	310·8	19th	293·1	291·1	13th	297·6	−0·1	..	129	— 42
1170	Norfolk Island	22 16	166 27	9	1008·9	1009·9	..	302·8	305·0	17th	295·5	293·5	3rd	299·2	−0·1	..	51	— 61
		29 4 S.	167 58 E.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

FEBRUARY—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	1016·7	1017·9	−1·7	296·1	300·5	23rd	290·2	288·5	sev. dates	293·2	0·0	..	80	+ 49
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1009·6	1014·3	−0·1	296·3	300·8	17th	287·1	284·4	6th	291·7	−1·4	*290·1*	0	0
1222	Santiago	33 27	70 42	520	953·8	1013·1	+0·9	303·6	308·0	26th	284·1	282·0	10th	293·9	+0·5	292·4	0	— 2
1223	Cordoba	31 25	64 12	439	962·1	1011·7	−1·7	305·0	310·9	10th	289·5	284·1	1st	297·2	+1·3	296·7	98	— 9
1224	Buenos Ayres	34 36	64 11	25·2	1009·0	1011·9	−0·9	304·7	309·6	4th	292·5	287·9	1st	298·6	+2·3	*298·2*	23	— 38
1225	Rio Grande	32 2	52 6	2·3	1013·5	1013·8	+1·0	300·8	306·4	28th	294·2	291·9	2nd	297·5	+0·6	..	87	+ 16
1226	Montevideo	34 55	W56 13	29·3	..	1012·1	+0·3	..	308·5	19th	..	286·5	1st	..	..	296·5	54	— 10
1239	Cape Town	33 56	E18 29	12	1011·1	1012·4	−1·0	299·9	308·1	4th	290·5	286·4	17th	295·2	+1·1	*293·7*	21	+ 6
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	28	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	301·2	309·1	25th	290·0	286·9	21st, 22nd	295·6	+2·6	..	41	+ 14
1242	East London	33 2	27 55	10·1	1010·9	1012·1	−1·9	297·3	310·3	10th	291·5	289·1	4th	294·4	+0·2	..	157	+101
1259	Perth (Observatory)	31 57	115 51	60·0	..	1014·3	+0·9	303·2	310·7	12th	290·4	282·4	1st	296·8	+0·3	..	0	— 4
1260	Katanning	33 42	117 35	309·7	..	1014·5	+0·4	303·4	311·9	20th	286·4	280·3	5th	294·9	+0·8	..	7	— 4
1261	Coolgardie	30 57	121 10	423·3	..	1012·8	+0·3	307·2	315·3	24th	289·8	284·1	5th	298·5	+1·3	..	0	— 19
1262	Eucla	31 45	128 58	4·6	..	1015·2	+0·9	298·0	316·7	24th	290·3	284·1	17th	294·2	−0·4	..	51	+ 38
1263	Streaky Bay	32 48	134 13	13·1	..	1015·0	+0·9	301·4	313·0	24th	289·0	280·1	4th	295·2	0·0	..	59	+ 48
1264	Adelaide	34 56	138 35	42·7	..	1014·8	+0·6	302·3	313·4	25th	289·6	284·6	2nd	295·9	−0·5	*295·3*	65	+ 14
1265	Melbourne	37 49	144 57	35·1	..	1015·3	+0·7	299·1	313·7	4th	287·6	281·4	21st	293·3	+0·7	*292·9*	30	— 13
1266	Bourke	30 13	145 58	110·1	..	1015·3	+2·6	308·4	314·1	1st	293·9	288·0	7th	301·2	−0·1	..	68	+ 21
1267	Sydney	33 51	151 13	44·5	..	1015·4	+1·4	299·9	311·1	18th	292·2	289·1	13th	296·1	+1·5	..	33	— 87
1268	Lord Howe Island	31 32	159 4	..	..	..	..	299·4	302·9	17th	293·1	287·5	22nd	296·3	..	..	89	— 29
1271	Auckland	36 50	174 50	38·1	..	..	..	295·3	299·1	12th	287·9	284·1	24th	291·6	−0·8	..	35	— 39
		S.	E.															

FEBRUARY—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	176 42	103·6	..	1011·7	+1·1	290·0	295·2	13th	282·7	277·4	15th	286·3	−0·6	..	100	+ 41
1302																		
1321	Punta Corona	41 51	73 50	25	1007·4	1010·4	−5·7	290·2	295·6	15th	283·4	280·3	4th, 20th	286·8	−0·4	*285·9*	84	0
1322	Punta Galera	40 1	73 44	40	1011·8	1016·6	+0·8	290·2	294·4	15th	284·3	279·6	20th	287·3	+0·7	*286·6*	51	— 38
1323	Bahia Blanca	38 45	W62 12	20	1009·2	1011·5	+2·0	304·9	310·5	18th	291·1	285·6	28th	298·0	+3·2	*297·1*	33	— 18
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1012·7	+0·6	294·8	306·7	25th	284·6	280·9	21st	289·7	+0·1	*288·4*	8	— 30
1366	Launceston	41 27	147 10	9·4	..	1013·3	0·0	298·2	305·8	13th	284·7	280·2	7th	291·4	+0·3	..	13	— 15
1369																		
1370	Dunedin	45 52	170 31	76	..	1010·1	−1·9	291·4	304·4	6th	282·1	276·9	twice	286·8	−0·4	..	46	— 27
1371	Christchurch	43 32	172 38	7·6	..	1011·6	−2·4	293·8	301·9	7th	283·2	275·3	15th	288·5	−0·7	..	56	+ 9
1372	Wellington	41 16	174 46	2·4	..	1014·2	−0·7	293·2	298·7	20th	286·7	281·2	15th	290·0	+0·1	..	43	— 42
		S. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

FEBRUARY—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	993·2	999·9	+3·2	282·9	285·2	23rd	276·7	273·2	17th	279·8	−2·0	*281·0*	367	+117
1422	Puerto de Punta Arenas	53 10	70 54	4	997·4	997·9	+2·4	286·9	291·7	2nd	278·8	274·4	9th	282·9	−1·4	*282·4*	66	+ 3
1423	Punta Dungeness	52 24	68 25	5	997·2	997·8	−1·6	287·4	299·4	2nd	281·7	279·0	18th	284·6	+0·6	*283·9*	18	− 1
1425	Cape Pembroke	51 41	57 42	15	996·7	999·2	−1·2	286·7	296·9	3rd	277·6	273·6	19th	282·2	+0·4	282·6	..	..
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	45	− 14
1429	S. Georgia (Cumberland Bay)	54 14	W36 34	3·7	993·4	993·7	−2·4	281·5	293·0	17th	274·4	271·9	24th, 27th	277·9	−1·5	*277·3*	126	+ 2
1467	Macquarie Is.	54 30 S.	E158 57 E.	9	..	996·9	−4·8	279·9	282·1	7th	277·2	273·1	11th	278·6	..	278·8	..	..

FEBRUARY—ZONE 15. Between Latitude 60° S. and 70° S.

1527 1528	South Orkneys	S. 60 44 ° ′	W. 44 39 ° ′	6·9 metres.	985·8 mb.	986·7 mb.	−4·0 mb.	.. a.	275·6 a.	..	.. a.	268·5 a.	..	.. a.	−1·0 a.	272·5 a.	50 mm.	+ mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—FEBRUARY 1913.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805.		Sierra Leone. 834.		Malden Island. 905.		Tulagi. 969.	Ocean Island. 970.		Suva, Fiji. 1072.
	Direction.	Mean Velocity for the Day.	Direction and Force.		Direction and Force.		Direction and Force.		Direction and Force.	Direction and Force.		Direction and Force.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.
1	SSE	10·0	NE 4	N 4	W 2	SW 2	NE 2	NE 3	NW 1	NW 1	Calm 0	E 3
2	SE by S	9·2	E 4	E 3	Calm 0	W 2	NE 4	NE 2	NW 2	NW 3	NW 1	E 3
3	SE	4·6	ENE 5	E 3	SW 2	S 2	NE 3	NE 2	N 1	NW 1	NNW 1	NE 3
4	SE by S	..	ENE 3	E 4	W 2	SW 2	NE 4	NE 3	W 1	N 1	NW 4	E 3
5	SSE	..	ENE 2	NE 4	Calm 0	SW 2	NE 3	NE 2	NW 2	W 3	Calm 0	E 4
6	SE by S	3·8	ESE 2	E 2	W 2	SW 2	NE 3	NE 2	NW 1	N 3	Calm 0	E 4
7	SE by S	7·1	SE 3	SE 3	W 2	W 2	NE 3	NE 1	NW 1	N 1	Calm 0	E 3
8	SE by S	2·9	SE 2	SE 2	W 2	SW 4	NE 2	NE 1	NW 1	N 2	W 5	SE 4
9	SSE	4·6	SE 2	SE 1	W 2	SW 4	E 3	E 2	NW 1	W 2	NW 2	SW 5
10	SE	5·4	SE 3	SE 1	N 2	SW 2	NE 3	E 1	Calm 0	SE 2	Calm 0	S 2
11	SSE	5·8	SE 3	SE 1	W 2	W 4	E 1	E 1	Calm 0	NE 1	NW 2	Calm 0
12	SE	8·3	SE 2	NE 1	Calm 0	W 2	E 1	Calm 0	NW 2	SE 1	Calm 0	Calm 0
13	SE by S	10·4	NE 3	NE 4	NE 4	SW 2	NE 1	Calm 0	N 2	NW 2	W 1	N 3
14	SE	7·1	NE 3	NE 3	Calm 0	W 3	Calm 0	Calm 0	Calm 0	SE 1	E 1	NE 2
15	ESE	6·3	ESE 3	E 3	W 2	Calm 0	NE 1	Calm 0	Calm 0	E 3	E 1	Calm 0
16	SE by S	6·7	ESE 3	NE 3	Calm 0	W 2	E 1	E 1	NW 2	NE 2	E 1	Calm 0
17	SE	6·3	NE 3	NE 4	Calm 0	W 2	Calm 0	E 1	NW 2	E 2	E 1	Calm 0
18	SE	3·8	E 4	NE 3	Calm 0	Calm 0	E 3	E 2	NW 1	Calm 0	E 1	E 1
19	SE	5·4	NE 4	NE 5	Calm 0	SW 2	E 3	NE 2	Calm 0	N 1	N 2	E 2
20	SE by E	5·8	NE 3	N 3	Calm 0	W 2	E 4	E 1	NW 2	N 1	E 3	NE 1
21	SSE	5·8	NE 4	NE 4	NE 2	SW 2	NE 2	E 2	Calm 0	E 3	NE 1	NE 1
22	..	..	NE 3	NE 3	E 2	SW 2	E 1	E 1	Calm 0	NE 3	E 2	Calm 0
23	..	..	NE 3	NE 4	W 1	S 2	E 2	E 3	Calm 0	NE 3	E 2	NE 1
24	SE	6·7	SE 2	SE 2	W 1	SW 2	E 4	E 2	NW 2	NE 2	SE 2	Calm 0
25	SE by S	4·2	E 2	E 2	W 1	W 2	E 4	E 2	NW −	ENE 3	NE 1	Calm 0
26	ESE	3·8	SE 2	E 1	W 1	SW 4	E 4	E 2	NW 1	NE 2	E 5	Calm 0
27	SE by S	5·8	E 2	E 2	W 1	SW 1	NE 5	NE 3	NW 1	NE 2	E 3	N 3
28	ESE	4·6	SE 3	E 3	W 1	SW 3	NE 4	NE 4	NW 3	ENE 4	E 3	
Mean for Month	..	6·0	3·0	2·8	1·2	2·2	2·5	1·6	1·1	1·9	1·6	1·7
Deviation from Normal	..	−0·9	..	..	..	..	−1·1		..	−0·9		−0·3

* Direction and velocity in the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—FEBRUARY 1913.

**Spitsbergen.*—"The Icefjord and Cross Bay were frozen towards the end of the month."

**Greenland Sea, Iceland.*—"Iceland was ice-free (normal). At Angmagsalik the ice was broken up in the middle of the month, but re-established before the end."

North Atlantic and Labrador.—"There was much field ice and 'slob' between 44° and 48° N., 43° and 60° W., but there were very few icebergs and those confined to high latitudes. There was much ice on the coast of Nova Scotia and Cape Breton."

**Davis Strait and Baffin Bay.*—"The weather was too stormy for the formation of winter ice; off the W. coast of Greenland, as usual, there was not much Storis; *Melville Bay* was frozen."

**Behring Sea.*—"Conditions were similar to those in January."

* *Isforholdene i de arktiske Have, 1913*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, MARCH 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MARCH 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. MARCH—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	1001·5	1002·4	..	..	..	..	244·0	238·0	15th	..	..	*247·1*	1	..
124 125 126	Upernivik	72 47	W56 7	18·9	999·1	1001·6	−11·0	..	..	..	247·7	241·2	17th	..	−1·6	*249·8*	2	−19
139 140 141 142 143 144 147 148	Spitsbergen	78 2	E 14 14	11·4	994·7	996·2	−14·8	..	271·7	30th	248·0	234·6	5th	..	..	255·3	34	..
	Gjesvaer	71 6	25 22	6·5	991·8	992·6	−12·6	..	281·8	29th	268·5	258·1	1st	..	+1·7	*271·3*	61	+14
	Mehavn	71 1	27 47	6·4	992·3	993·1	..	..	276·0	30th	266·8	257·5	1st	..	..	*270·3*	61	+14
	Vardö	70 22	31 8	10·0	993·8	995·1	−11·1	..	274·9	29th	266·4	260·0	2nd	..	+1·1	*269·2*	11	−38
	Malye Karmakouly	72 23 N.	52 43 E.	14·8	997·1	999·1	−12·8	..	266·3	21st	256·4	245·4	1st	259·9	+1·6	*259·7*	4	− 5

Between Latitude 70° N. and 60° N. MARCH—ZONE 2.

203 204 205 206 207 208 209 210 211 212 213 214 225 226 229 230 231 232 233 234 235 236 237 238 239 240 241 242 242a 243 244 245 246 247 248 249 250 251 252 253 254 261 262 263 264 272	Nome	64 30	165 24	4·6	1010·5	1011·2	..	269·2	274·7	25th	263·1	251·9	8th	266·1	..	..	8	..
	Tanana	65 12	152 0	?	1006·4	..	..	265·6	272·4	11th	254·1	241·9	30th	259·8	..	..	19	..
	Valdez	61 6	146 13	3·1	1012·5	1012·8	..	272·1	276·9	30th	263·0	255·2	3rd	267·6	..	..	36	..
	Eagle	64 46	141 12	248·4	983·7	1015·9	..	267·6	276·9	9th	250·8	234·1	15th	259·2	..	..	17	+ 9
	Dawson	64 4	139 20	328	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Carcross	60 11	134 34	662	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Fort Simpson	61 52	120 43	129	1005·5	1023·0	..	261·6	267·4	26th	250·7	235·8	15th	256·2	+2·8	*257·0*	39	+24
	Hay River	60 51	115 20	161	998·6	1020·6	..	259·3	269·7	27th	246·2	234·1	10th	252·8	−3·3	..	15	..
	Fort Resolution	61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	16	..
	Jacobshavn	69 13	51 2	12·6	997·5	999·2	−11·6	257·6	264·7	30th	251·2	245·7	17th	254·4	−3·4	*254·4*	10	− 2
	Godthaab	64 11	51 44	9·0	991·9	993·1	−13·0	266·8	274·2	23rd	260·3	256·4	14th, 15th	263·6	−2·5	*262·4*	14	−32
	Angmagsalik	65 37	37 34	31·7	987·5	991·5	−13·2	269·5	278·4	31st	259·8	250·9	21st	264·7	..	*264·5*	64	..
	Stykkisholm	66 5	22 46	11·3	989·1	990·6	−15·4	272·7	277·5	24th, 31st	268·0	261·7	22nd	270·4	0·0	*270·7*	45	− 4
	Vestmanno	63 26	20 15	7·7	988·4	989·2	−15·6	277·0	281·7	29th	270·5	263·0	17th	273·8	−0·4	*273·8*	123	+16
	Grimsey (Akureyri)	66 33	17 58	22·0	993·5	996·3	−11·6	271·4	278·0	31st	267·1	257·8	21st	269·3	−0·2	*269·1*	3	−24
	Berufjord	64 40	14 19	18·0	990·2	992·4	−14·0	273·7	280·2	31st	267·2	260·0	23rd	270·5	−0·6	*270·6*	107	+30
	Thorshavn	62 3	6 45	25·7	992·2	995·3	−11·0	278·4	282·6	31st	273·0	266·7	17th	275·7	−0·3	*275·9*	134	−11
	Lerwick	60 9	W 1 8	18·0	996·7	998·9	− 8·7	279·2	282·4	25th	274·8	270·2	18th	277·0	+0·4	*276·7*	140	..
	Bergen (Met. Obs.)	60 24	E 5 19	44·4	996·4	1001·8	− 9·3	..	285·0	27th	273·9	269·0	18th	..	+1·8	*276·7*	212	+61
	Christiansund	63 7	7 45	17·8	995·8	998·0	−11·2	..	285·4	30th	273·9	268·7	18th	..	+2·2	*276·8*	129	+49
	Trondhjem	63 26	10 25	39·5	994·2	999·1	−10·9	..	285·1	31st	271·2	263·1	17th	..	+2·9	*274·8*	64	−12
	Bodö	67 17	14 24	20·5	993·4	996·0	−11·5	..	280·6	31st	269·8	264·6	2nd	..	+1·6	*273·0*	79	+19
	Haparanda	65 50	24 9	9·2	997·9	999·1	−10·6	270·7	280·5	26th	260·3	243·0	2nd	265·5	+1·7	*266·2*	23	− 3
	Helsingfors	60 10	24 57	11·7	..	1004·7	− 6·7	..	280	..	..	254	..	272·7	+3·7	*272·6*	71	+41
	Kuopio	62 54	27 40	99·7	..	1003·1	− 7·8	..	280	..	..	247	..	270·3	+3·1	*270·2*	45	..
	Kola	68 53	33 1	6·7	996·6	997·4	− 8·9	269·4	276·5	26th, 30th	257·7	238·9	2nd	263·6	−1·2	*264·0*	11	+ 5
	Petrozavodsk	61 47	34 23	38·9	..	1003·6	− 7·7	..	278·3	31st	..	245	..	270·5	+3·2	*270·4*	..	..
	Arkhangelsk	64 33	40 32	6·7	..	1001·0	− 7·8	..	275	..	..	242	..	266·7	+1·1	*266·5*	11	−10
	Velsk	61 5	42 7	? 83	993·6	1004·1	..	273·0	279·6	31st	263·6	245·8	4th	268·3	..	*268·5*	..	..
	Oust-Tsylma	65 27	52 10	? 25	..	1002·6	−12·8	..	274	..	..	235	..	263·6	+0·6	*263·4*	..	..
	Troitsko-Petcherskoe	62 42	56 13	? 123	988·6	1004·6	..	..	275·8	20th	259·1	242·8	1st	264·8	..	*264·6*	36	..
	Berezov	63 56	65 4	39·9	1000·4	1005·6	− 7·8	..	274·3	22nd	256·1	242·0	1st	261·2	0·0	*261·0*	14	+ 3
	Obdorsk	66 31	66 35	23·7	1001·8	1004·9	− 5·4	..	273·8	22nd	251·3	238·9	2nd	256·8	+0·5	*256·6*	17	+12
	Sourgout	61 15	73 24	? 40	1003·6	1008·8	− 9·5	..	276·3	21st	256·7	239·3	30th	263·5	+2·7	*263·3*	13	0
	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Doudinka	69 7	87 0	? 20	1006·2	1008·8	..	..	272·1	23rd	251·8	234·1	2nd	256·3	..	*256·1*	10	..
	Olekminsk	60 22	120 26	? 135	1000·0	1018·1	− 7·7	..	274·6	25th	248·8	229·2	5th	256·5	+0·3	*256·3*	13	..
	Iakoutsk	62 1	129 43	? 108	1003·9	1018·6	− 2·6	..	272·2	29th	..	..	..	252·5	+3·0	*252·3*	8	+ 4
	Verkhoiansk	67 33	133 24	? 100	1003·0	1017·1	− 0·1	..	265·5	28th	235·4	222·7	2nd	244·4	+3·6	*244·2*	4	+ 3
	Oust-Malskoe	60 25	134 29	? 100	..	..	..	..	267·0	..	238·8	228·8	..	247·7	..	*247·5*	8	..
	Novo-Mariinskii Post	64 45 N. ° ′	177 33 E. ° ′	5·2 metres.	1014·2 mb.	1014·9 mb.	.. mb.	.. a.	270·0 a.	19th	255·4 a.	246·7 a.	3rd	259·4 a.	.. a.	.. a.	7 mm.	.. mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MARCH—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1000·1	..	278·4	280·8	9th	273·1	268·6	24th	275·8	..	..	301	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	1010·8	1014·2	+ 6·5	280·4	285·2	7th	271·9	264·7	19th	276·2	+0·6	..	96	−71
310	Prince Rupert	54 18	130 18	52	..	1014·5	..	278·6	284·1	6th	273·4	263·6	18th	275·9	..	..	358	..
311	Barkerville	53 2	121 35	1274	..	1014·9	..	272·0	285·8	7th	261·7	244·7	19th	266·8	−2·7	*266·9	105	+53
312	Kamloops	50 41	120 29	380	..	1017·3	+ 2·8	277·9	286·9	30th	268·4	258·3	20th	273·1	−2·6	*273·0	4	−8
313	Calgary	51 2	114 2	1033	..	1016·6	− 1·0	273·6	286·3	7th	261·6	248·0	25th	267·6	−0·3	*267·7	13	..
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	..	1017·6	+ 1·0	268·2	282·7	8th, 31st	252·5	236·3	1st	260·3	−1·7	*260·9	30	+5
316	Qu'Appelle	50 30	103 47	645	..	1017·3	0·0	267·6	279·7	31st	255·4	237·4	1st	261·4	−1·7	*261·9	31	−11
317	Minnedosa	50 15	99 50	518	..	1018·6	..	265·9	279·7	30th	252·4	238·9	2nd	259·2	−4·3	*259·2	10	..
318	Berens River	52 18	97 23	216	..	..	..	263·7	276·6	..	249·3	236·3	..	256·5	..	*256·5	0	+21
318*a*	York Factory	57 0	92 28	11	1016·0	1017·5	− 1·8	..	..	..	241·4	231·9	1st, 2nd	..	..	..	28	..
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	1015·1	1016·3	..	264·2	281·3	31st	249·9	235·2	25th	257·1	−3·7	..	56	+30
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1012·1	..	..	253·6	266·3	17th, 18th	242·0	234·1	16th	247·8	..	..	56	−31
326	Point Riche	50 42	57 25	10·7	..	..	..	..	276·9	..	..	252·4	..	266·1	−0·6	..	39	−37
327	Belle Isle	51 53	55 23	133	993·8	1011·1	− 0·6	267·1	280·2	16th	258·3	250·8	26th, 27th	262·7	−2·7	..	28	..
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1005·7	1007·4	− 5·9	282·7	284·7	29th	277·4	274·1	17th, 18th	280·1	−0·4	280·2	164	+58
335	Aberdeen	57 10	2 6	27·4	999·3	1002·7	− 7·6	280·6	284·1	4th	275·2	271·3	18th	277·9	+0·4	277·7	78	+23
336	Greenwich	51 28	W 0	48·5	1006·3	1012·3	− 1·7	284·1	288·0	6th	276·5	270·8	18th	280·3	+1·8	279·9	62	..
337	Uccle	50 48	E 4 22	100	1002·8	1015·1	+ 0·5	284·6	290·8	22nd	277·0	271·0	2nd	280·8	+2·5	280·6	96	+58
338	De Bilt	52 6	5 11	3·0	1013·3	1013·7	− 0·5	283·6	289·8	31st	275·7	270·8	2nd, 12th	279·7	+2	280·0	66	+17
338*a*	Hamburg	53 33	9 59	26·0	1010·2	1013·4	+ 1·0	282·4	291·8	31st	276·5	268·4	2nd	279·4	+3·0	*279·2	54	+5
339	Copenhagen	55 41	12 36	5·0	1010·0	1010·6	− 2·2	279·9	284·5	23rd	274·4	268·0	2nd	277·2	+3·1	*277·2	40	+18
340	Potsdam	52 23	13 4	84·9	1005·2	1015·7	+ 1·9	284·4	296·2	31st	274·5	266·3	2nd	279·4	+2·9	279·2	26	+18
340*a*	Upsala	59 51	17 38	24·0	1001·2	1004·2	− 7·0	278·2	286·6	31st	271·2	255·3	2nd	274·7	+4·0	274·6	49	+9
341	Warsaw	52 15	21 1	120	..	1017·2	+ 2·5	..	291	..	..	263	..	277·9	+4·3	*277·9	43	−1
342	Jurjev	58 23	26 43	74·5	..	1007·6	− 4·7	..	283	..	..	253	..	273·4	+4·2	*273·3	29	..
343	Petrograd	59 56	30 16	4·8	..	1005·5	− 6·5	..	281	..	..	251	..	272·2	+3·9	*272·2	44	+26
344	Kiev	50 27	30 30	182·9	..	1018·4	+ 2·8	..	292	..	..	258	..	277·2	+4·8	*277·1	19	+1
344*a*	Moscow	55 45	37 34	156	..	1011·5	− 3·5	..	283	..	..	245	..	271·8	+3·5	*271·8	34	+13
345	Saratov	51 32	46 3	59·9	..	1015·2	− 2·9	..	282	..	..	255	..	272·9	+4·3	*272·8	20	+13
346	Kazan	55 47	49 8	79·8	..	1008·8	− 9·2	..	278	..	..	257	..	271·0	+4·6	*270·9	48	+21
347	Orenburg	51 45	55 6	114·1	..	1015·6	− 6·0	..	277	..	..	254	..	269·1	+4·3	*269·0	52	+21
348	Perm	58 1	56 15	163·0	..	1006·6	−11·0	..	275	..	..	252	..	268·1	+2·1	*268·0	81	..
349	Ekaterinburg	56 50	60 38	288·9	..	1009·4	− 9·7	..	280	..	..	247	..	267·6	+2·0	*267·5	26	+17
350	Tobolsk	58 12	68 14	108·3	996·7	1010·7	..	..	278·5	21st	262·1	251·1	6th	266·3	+2·3	*266·2	22	+18
351	Akmolinsk	51 12	71 23	? 347	976·3	1020·3	− 4·7	..	275·4	28th	261·3	247·9	6th	266·0	+2·5	*265·9	23	+14
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	13	+4
353	Barnaoul	53 20	83 47	162·2	1001·6	1022·5	− 4·9	..	277·1	27th	263·2	247·6	18th	267·9	+5·7	*267·7	52	+18
354	Tomsk	56 30	84 58	121·6	1002·0	1017·7	− 6·7	..	274·6	11th	262·7	250·4	18th	267·4	+4·5	*267·2	57	..
355	Minousinsk	53 43	91 41	? 245	991·6	1023·2	..	..	278·7	28th	258·4	244·2	6th	265·1	..	*265·0	1	−2
356	Eniseisk	58 27	92 11	84·4	1007·5	1018·4	− 4·8	..	277·5	11th	261·7	243·2	2nd	266·8	+3·1	*266·6	19	+7
357	Irkutsk	52 16	104 19	467·0	965·4	1024·7	− 2·7	..	287·0	29th	257·3	239·0	6th	265·0	+0·6	*265·0	8	..
358	Kirensk	57 47	108 7	? 263	989·0	1023·4	..	..	279·8	28th	253·4	232·8	5th	261·3	..	*261·2	8	..
359	Tchita	52 2	113 30	663·7	938·7	1021·8	..	..	286·2	30th	254·7	237·9	6th	262·7	..	..	0	+12
360	Blagoveshchensk Priisk	58 10	114 17	? 490	959·6	1023·8	..	..	267·1	25th	249·9	232·3	6th	258·0	..	*257·9	19	−1
360*a*	Nertchinsk	51 59	116 35	484·3	959·5	1021·6	..	..	287·0	30th	251·7	237·2	5th	260·7	+4·2	*260·7	2	..
361	Tygan Ourkan	54 5	124 46	? 359	970·7	1016·8	..	270·3	285·5	30th	253·0	235·2	8th	261·7	..	*261·7	5	..
362	Blagoveshchensk	50 15	127 38	133·6	998·6	1015·9	..	..	287·7	30th	249·9	232·3	8th	264·8	+2·4	*264·8	2	..
363	Paikanskii Sklad	50 11	130 7	? 145	..	..	..	..	282·5	30th	249·7	235·8	8th	259·4	..	*259·4	? 2	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1007·4	1010·2	− 5·4	..	274·2	30th	254·1	243·4	3rd	260·8	+1·2	*260·6	12	−5
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	988·6	999·7	− 7·6	268·9	272·7	23rd	262·0	256·1	2nd	265·5	−2·4	..	62	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

MARCH—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
411	Victoria, B.C.	N. ′	W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
412	Portland, Oregon	48 24	123 19	25·9	..	1018·9	+5·4	281·7	286·7	7th	274·8	267·8	20th	278·2	−1·6	278·0	51	− 18
413	Macleod	45 32	122 41	46·6	1014·9	1020·3	+3·7	283·6	292·4	7th	276·3	271·3	25th	280·0	−0·9	*279·6*	103	− 28
414	Helena	49 44	113 24	954	..	..	..	272·0	286·9	8th	262·1	243·6	25th	267·1	−2·3	*267·1*	13	..
414*a*	Salt Lake City	46 34	112 4	1253	872·3	1018·6	+2·4	274·7	285·2	8th	264·7	249·1	21st	269·8	−2·7	*269·7*	16	− 3
415		40 46	111 54	1329	867·3	1017·3	+2·0	281·3	295·8	31st	271·9	263·6	15th	276·4	−1·8	*276·3*	64	+ 13
416	Cheyenne	41 8	104 48	1856	809·0	1015·9	+1·4	278·6	291·3	31st	266·3	250·8	21st	272·3	−1·2	*272·1*	8	− 15
416*a*	North Platte	41 8	100 45	859	915·7	1017·6	+1·7	280·8	296·9	31st	265·8	249·7	21st	273·4	−1·4	*273·2*	43	+ 20
417	Bismarck	46 47	100 38	510·6	956·3	1019·6	+1·7	273·0	284·7	31st	260·2	246·9	1st	266·8	−0·7	*266·6*	12	− 15
418	Winnipeg	49 53	97 7	231·6	..	1018·9	0·0	267·2	281·0	31st	254·1	240·9	2nd	260·6	−2·8	*260·3*	9	− 23
419	Duluth	46 47	92 6	345·1	972·6	1015·9	−2·0	269·1	281·9	31st	260·2	241·3	2nd	264·7	−3·9	*264·8*	83	+ 43
420	Port Arthur	48 27	89 12	196·3	..	1016·2	−1·7	269·6	282·4	29th	256·8	245·8	2nd	263·2	−2·7	*263·2*	31	+ 7
421	Chicago	41 53	87 37	250·9	985·8	1016·9	0·0	279·7	291·3	24th	270·2	253·0	2nd	274·8	+0·4	*274·7*	87	+ 23
422	Toronto	43 40	79 24	106·7	..	1017·3	0·0	278·5	290·9	24th	268·9	254·7	7th	273·7	+1·7	272·7	104	+ 48
423	New York	40 43	74 0	95·7	1008·4	1020·3	+4·4	284·1	295·8	25th	274·7	261·9	7th	279·7	+3·6	280·1	131	+ 28
424	St. John, N.B.	45 17	66 4	21·3	..	1018·6	+5·1	277·2	284·3	31st	270·0	252·6	8th	273·6	+1·4	*273·6*	193	+ 90
425	S. W. Point, Anticosti	49 24	63 35	12·2	1011·9	1013·5	+2·7	270·9	278·0	25th	263·6	255·2	8th, 17th	267·3	..	..	80	..
426	Sable Island (Main Station)	43 57	60 6	7·6	..	1022·0	..	277·7	281·3	21st, 22nd	271·2	265·2	8th	274·4	+0·5	..	100	− 26
	St. Johns, Newfoundland	47 34	52 42	38·1	..	1016·2	+3·7	275·8	288·6	28th	268·0	256·9	5th	271·9	−0·3	..	128	+ 9
435	Madrid	40 24	3 41	655·4	943·0	1020·1	+3·7	289·9	295·7	15th	275·9	270·8	1st	282·9	+0·7	282·5	28	− 16
436	Nantes	47 15	W 1 34	41·4	1012·6	1017·7	+1·7	286·1	289·7	12th	278·0	271·6	11th	282·1	+1·3	*281·8*	43	− 15
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1010·9	1017·1	+2·1	285·6	292·8	22nd	276·6	270·3	2nd	281·1	+1·6	*280·5*	48	+ 9
438	Marseilles	43 18	5 23	75·0	1010·3	1019·5	+6·7	288·6	294·2	30th	278·9	272·8	2nd	283·8	+1·1	*283·3*	91	+ 42
438*a*	Zürich	47 23	8 33	493·2	961·0	1020·2	+4·6	..	295·0	30th, 31st	..	268·2	2nd	..	+3·3	280·1	87	+ 13
439	Rome	41 54	12 29	63·4	..	1020·8	+7·6	289·7	297	26th	279·8	273	3rd	284·8	+1·3	*284·6*	42	− 27
440	Vienna	48 15	16 22	202·5	994·4	1019·1	+5·0	284·8	292·7	31st	275·6	265·8	3rd	280·2	+3·4	280·1	22	− 24
440*a*	Buda-Pesth	47 30	19 2	129·6	1005·2	1021·2	+7·0	286·8	295·9	23rd	275·6	266·6	2nd	281·2	+3·5	*280·9*	31	− 15
441	Bucharest	45 25	26 6	82	1011·9	1022·1	+7·3	..	298·9	25th	..	261·5	3rd	281·2	+3·7	..	19	− 23
442	Odessa (University)	46 29	30 46	65·3	..	1021·4	+5·1	282·9	294·8	25th	275·0	260·9	3rd	279·0	+3·8	*278·6*	4	− 24
443	Kharkov (University)	50 0	36 14	140	..	1019·6	+3·1	..	290	..	..	251	..	275·9	+5·2	*275·8*	25	− 10
444	Novorossiisk	44 40	37 49	37	..	1021·9	+5·5	..	291	..	..	258	..	278·8	0·0	*278·7*	26	− 44
444*a*	Tiflis	41 43	44 48	409	..	1023·5	+5·2	..	295	..	..	266	..	279·5	−0·2	*279·5*	39	+ 10
445	Astrakhan	46 21	48 2	−14	..	1021·8	+2·8	..	288	..	..	257	..	276·2	+3·1	*276·1*	18	+ 7
446	Fort Alexandrovsk	44 31	50 16	24	1018·7	1021·6	+3·0	..	285·8	20th	272·5	262·3	5th	275·5	+0·3	*275·4*	9	− 1
447	Krasnovodsk	40 0	52 59	−15	..	1022·3	+3·6	..	290	..	..	267	..	280·5	−0·9	*280·5*	..	..
448	Tachkent	41 20	69 18	479·2	965·1	1023·0	+4·0	286·1	295·8	30th	272·2	265·2	1st	279·2	−1·5	*279·0*	62	− 4
449	Tourgay	49 38	63 27	? 130	1003·8	1020·6	..	..	..	26th	262·4	251·1	3rd	267·2	..	..	22	..
450	Narynskoe	41 26	76 2	? 2015	796·8	..	..	..	..	29th	255·7	248·6	11th, 12th	262·2	−6·3	*262·2*	14	− 3
451	Vernyi	43 16	76 53	? 824·8	924·3	1023·4	+1·6	280·1	289·6	30th	..	..	..	273·3	−0·7	*273·3*	18	− 32
452																		
461	Mukden	41 48	123 23	43·8	1014·9	1020·5	−0·4	278·4	293·0	31st	264·6	252·5	6th	271·5	+0·1	271·3	4	− 16
462	Joshin	40 40	129 11	4·0	1015·9	1016·4	−1·2	278·9	291·8	31st	268·4	259·6	7th	273·7	−0·5	273·3	12	− 11
463	Vladivostok	43 7	131 54	26·8	1012·6	1016·0	−2·8	275·0	286·3	31st	265·4	254·7	1st	270·2	−0·6	*269·7*	13	+ 5
464																		
465	Ochiai	47 20	142 44	6·6	1007·8	1008·7	..	270·3	277·4	27th	256·3	239·0	7th	263·3	..	264·3	13	..
466	Nemuro	43 20	145 35	26·7	1006·8	1010·2	−3·4	273·1	281·8	31st	264·2	254·0	8th	268·6	− 15	268·9	29	− 21
		N.	E.															

Between Latitude 40° N. and 30° N.

MARCH—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
511	San Francisco	N.	W.															
512	San Luis Obispo	37 48	122 26	47·2	1005·7	1020·6	+2·7	288·6	298·0	7th	280·2	277·4	24th	284·4	−0·1	*283·9*	37	− 43
		35 18	120 39	61·3	1013·2	1020·6	+2·7	291·3	300·8	30th	278·6	274·7	17th	284·8	−0·3	*284·5*	24	− 76
513	Modena	37 48	113 54	1670	833·0	1016·6	+2·0	281·9	295·2	31st	267·4	259·7	26th	274·8	−2·2	*274·6*	4	− 30
514	San Diego	32 43	117 10	26·5	1016·2	1019·6	+3·0	290·2	297·4	7th	281·3	278·6	26th	285·8	−0·6	*285·8*	11	− 33
515	Santa Fé	35 41	105 57	2138	784·9	1015·2	+3·0	280·8	293·6	31st	269·7	260·8	14th	275·2	−1·9	*275·0*	22	+ 3
516	Denver	39 45	105 0	1613	833·7	1014·5	+0·3	283·0	295·2	31st	269·7	255·8	21st	276·2	−0·6	*276·0*	15	− 10
517	Abilene	32 23	99 40	529·6	956·3	1018·3	+3·7	290·8	305·2	30th	277·4	266·9	1st	284·1	−1·6	*283·9*	32	− 3
518	Saint Louis	38 38	90 12	172·8	997·3	1018·3	+1·4	284·1	296·3	30th	273·0	258·0	2nd	278·6	−0·8	*278·4*	202	+114
519	Mobile	30 41	88 2	17·4	1018·6	1020·6	+2·7	293·0	299·1	22nd	284·7	275·8	28th	288·7	+0·6	*288·4*	269	+ 86
520	Nashville	36 10	86 47	166·4	1001·0	1021·3	+3·7	288·0	298·6	25th	276·9	266·9	2nd	282·3	−0·2	*282·0*	115	− 18
521	Charleston	32 47	79 56	14·6	1020·3	1022·0	+4·1	292·4	299·1	31st	285·2	276·9	28th	288·6	+1·6	*288·3*	97	+ 3
522	Washington	38 54	77 3	34·1	1016·6	1020·6	+3·4	288·6	298·0	25th	276·9	264·7	7th	282·4	+3·8	*282·2*	119	+ 20
523	Bermuda	32 17	64 46	46·0	1021·9	1027·4	+8·7	294·4	296·2	28th	289·2	284·4	9th	291·8	+1·5	*291·8*	85	− 43
524																		
531	Horta	38 32	28 38	30	..	1025·6	+3·8	289·3	293	18th	284·8	281	22nd, 26th	287·0	−0·5	..	45	− 1
532	Ponta Delgada	37 44	25 40	17	..	1025·4	+6·7	?289·4	?291	?3, 6, 18	?284·5	?280	?27th	?287·0	? 0·0	..	? 11	?− 84
533	Madeira (Funchal)	32 37	16 54	25	1018·0	1021·0	+3·2	292·0	296·2	13th	282·6	279·5	24th	287·3	+0·2	..	26	− 46
534	Lisbon	38 43	9 9	95·4	1007·7	1019·3	+2·9	289·0	293·8	10, 15, 16	283·0	279·9	25th	286·0	+0·2	*285·8*	71	− 17
535	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
536	Gibraltar	36 6	5 21	16·2	1018·4	1020·4	+4·5	290·5	294·7	22nd	283·9	280·8	1st	287·2	−0·1	*286·8*	84	− 32
		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MARCH—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1012·8	1017·4	+2·2	290·9	300·6	29th	284·3	280·2	3rd	287·6	−1·0	*286·9*	54	[illegible]
538	Palma	39 33	2 42	..	..	1020·7	+6·1	290·0	294	29th	281·8	277	12th	285·9	+0·7	..	7	[illegible]
538a	Tunis	36 48	10 10	43	1019·1	1024·3	+9·0	291·6	297·4	22nd	281·7	276·6	12th	286·7	+0·4	..	38	[illegible]
539	Malta	35 54	14 31	59	..	1022·2	+7·1	289·4	294	23rd	284·8	281	4th, 5th	287·1	+0·3	..	34	[illegible]
540	Catania	37 30	15 3	64·9	..	1021·9	+7·7	289·6	293·6	21st	281·7	276·9	5th	285·7	+0·4	..	6	[illegible]
541	Athens	37 58	23 43	107·1	..	1021·9	+7·3	288·6	294	sev. dates	281·3	270	3rd	285·0	+0·1	*284·9*	9	[illegible]
542	Alexandria	31 9	29 54	32·0	..	1019·5	+3·6	292·5	300	2nd, 29th	285·6	279	4th	289·0	−0·6	*288·4*	21	[illegible]
543	Cairo (Helwan)	29 52	31 20	115·6	..	1018·8	+2·4	295·6	305	25th	282·3	277	4th	289·0	−0·4	..	2	[illegible]
544	Nicosia	35 12	33 24	22·1	..	1018·3	+3·5	291·9	301	27th, 28th	276·2	272	17th	284·0	−1·2	*285·6*	42	[illegible]
544a	Beirut	33 54	35 28	52·4	..	1018·4	+4·1	291·5	300	27th	285·1	278	15th	288·3	−0·1	..	59	[illegible]
545	Baghdad	33 21	44 28	38·7	1013·2	1017·9	+0·5	295·9	303·1	28th	281·2	275·5	16th	288·6	−0·2	..	13	[illegible]
546	Lenkoran	38 46	48 52	−19	1025·0	1022·7	+4·8	..	288·0	10th	275·6	270·6	6th	279·0	−1·8	*279·0*	103	[illegible]
547	Busrah	30 31	47 53	7·6	1016·4	1017·5	+0·8	293·8	299·1	29th	285·4	278·7	16th	289·6	−1·7	..	24	[illegible]
548	Meshed	36 16	59 35	946	909·2	1020·3	..	285·9	297·1	30th	272·4	266·7	17th	279·2	−1·7	..	26	[illegible]
549	Quetta	30 11	67 3	1677	832·3	..	−1·0	287·2	296·4	31st	273·8	268·9	20th	280·5	−3·7	*280·7*	68	[illegible]
550																		
551	Lahore	31 34	74 20	214	986·4	1011·6	−1·2	298·1	306·0	31st	284·1	280·3	21st, 23rd	291·1	−2·8	*290·7*	38	[illegible]
551a	Simla	31 7	77 8	2204·8	778·6	..	−2·3	283·9	289·4	31st	276·8	272·1	5th, 20th	280·4	−3·3	*280·6*	113	[illegible]
552	Leh	34 10	77 42	3503	662·0	..	−3·8	277·8	282·1	31st	265·6	260·8	1st	271·7	−1·4	*271·0*	7	[illegible]
552a	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	61	[illegible]
559	Hang Kow	30 35	114 17	37·0	1017·1	1021·6	+0·1	287·3	297·1	29th	278·6	270·3	8th	283·0	−0·2	*282·7*	57	[illegible]
560	Tiensin	39 10	117 10	5·0	1020·9	1021·5	−0·5	283·8	296·8	30th	272·4	263·1	7th	278·1	+0·3	..	1	[illegible]
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1020·5	+0·1	286·3	298·9	28th	276·0	269·2	2nd	281·2	+0·6	280·2	49	[illegible]
562	Jinsen (Chemulpo)	37 29	126 32	67·6	1011·9	1020·3	−0·2	279·2	287·0	18th	270·6	261·0	7th	274·9	−1·3	274·4	4	[illegible]
562a	Nagasaki	32 44	129 52	133·0	1002·4	1018·7	−0·1	285·8	291·9	17th	277·4	272·6	2nd	281·6	−1·2	281·1	51	[illegible]
563	Kioto	35 1	135 44	42·9	1012·3	1017·6	−1·0	285·1	293·2	31st	271·1	266·1	6th	278·1	−1·6	277·6	52	[illegible]
564	Tokio	35 41	139 45	21·3	1011·9	1014·5	−1·7	284·9	293·4	29th	274·0	269·4	3rd	279·4	−0·6	279·2	45	[illegible]
565	Miyako	39 38	141 59	30·4	1009·3	1013·1	−3·3	283·1	293·4	31st	269·7	263·2	8th	276·4	−0·5	275·1	2	[illegible]
566																		
		N.	E.															

MARCH—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1017·4	1018·6	+1·2	298·4	299·7	17th	292·2	289·1	9th	295·3	+0·6	..	34	[illegible]
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
616	Leon	21 7	101 41	1798·6	823·6	..	−1·2	299·2	302·0	24th	283·1	276·6	1st	291·2	−0·1	..	0	[illegible]
617	Galveston	29 18	94 50	16·5	1017·6	1019·6	+3·4	291·3	299·1	13th	285·2	275·8	27th	288·2	−1·6	*288·1*	36	[illegible]
618	New Orleans	29 58	90 4	15·5	1018·3	1020·0	+2·7	293·6	301·9	26th	284·7	276·9	16th	289·3	−0·4	*289·0*	123	[illegible]
619	Havana	23 8	82 22	24·3	..	1018·8	+1·4	301·0	303·2	10th	294·4	292·9	7th	297·7	+1·8	*297·5*	88	[illegible]
620	Key West	24 33	81 48	6·7	1018·3	1018·9	+1·4	300·8	302·4	27th	295·8	293·6	5th	298·2	+2·6	*298·0*	9	[illegible]
621	Nassau, Bahamas	25 5	77 21	7·6	..	1020·4	+2·7	300·3	301·1	sev. dates	295·0	293·0	19th	297·7	+2·4	..	52	[illegible]
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
634	Las Palmas, Canary Islands	28 7	W 15 26	7	1018·5	1019·3	+1·3	295·3	299·6	5th	287·6	284·4	10th, 26th	291·5	+0·5	..	7	
637	Insalah	27 17	E 2 27	330	..	..	..	302·6	313·0	27th	284·7	279·0	1st	293·7	+0·9	*293·1*	0	[illegible]
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1019·8	+0·9	301·1	311	24th	281·0	273	5th	291·0	−1·1	*292·1*	..	[illegible]
642	Wadi Halfa	21 55	31 20	128·3	..	1017·5	+2·1	301·1	311	30th	283·4	279	7th	292·2	−2·7	*292·4*	..	[illegible]
643	Suez	29 57	32 32	3·4	..	1018·6	+3·2	297·9	307	26th	281·7	277	8th	289·8	−1·0	..	0	[illegible]
644	Aswan	24 2	32 53	99·6	..	1017·0	+1·5	300·9	309	30th	285·0	279	7th	293·0	−1·7	*293·0*	..	[illegible]
647	Bushire	28 59	50 53	4	1015·4	1016·0	+1·3	293·4	298·7	6th, 30th	286·3	281·1	17th	289·9	−1·8	..	3	[illegible]
648	Jask	25 44	57 47	4	1014·1	1014·5	+0·2	298·8	301·5	14th, 31st	290·7	288·2	21st	294·7	−0·7	..	47	[illegible]
649	Kurrachee	24 53	66 57	4	1012·5	1012·9	−0·2	300·0	304·9	24th	291·5	287·7	20th	295·8	−1·2	*295·2*	7	[illegible]
650	Hyderabad, Sind	25 24	68 18	29	1008·7	1012·0	−0·3	304·1	310·8	31st	288·8	283·8	5th	296·4	−2·5	..	2	[illegible]
651	Jaipur	26 56	75 52	436	962·2	1011·8	−1·2	302·9	307·6	26th, 29th	286·8	281·7	6th	294·8	−2·2	*294·6*	1	[illegible]
652	Nagpur	21 8	79 5	310	976·3	1011·3	−0·6	308·7	313·1	29th, 30th	291·7	286·5	7th	295·2	−1·2	*294·8*	6	[illegible]
653	Allahabad	25 25	81 51	94	1000·3	1011·2	−0·7	303·7	311·4	28th	287·9	283·6	1st	295·8	−2·5	*295·4*	22	[illegible]
654	Calcutta	22 36	88 23	6	1010·0	1010·8	−0·9	304·5	309·9	29th, 30th	293·1	287·1	1st, 2nd	298·8	−0·9	*298·3*	22	[illegible]
655	Gauhati	26 8	91 41	59	1004·5	1011·5	..	300·2	306·2	30th	287·7	284·2	1st	293·9	..	..	61	[illegible]
655a	Cherrapunji	25 15	91 42	1314	870·6	..	..	295·5	303·7	2nd	284·2	278·3	1st	289·9	..	..	307	[illegible]
656	Shillong	25 33	91 48	1500	848·5	..	..	292·6	298·5	28th	282·5	275·1	1st	287·6	..	..	53	[illegible]
656a	Akyab	20 11	92 56	6	1011·0	1011·8	−1·0	303·3	306·0	24th	293·2	287·2	2nd, 3rd	298·3	−0·8	*298·4*	7	[illegible]
657	Phu Lien	20 48	106 37	115·6	1000·5	1014·2	+0·2	293·6	304·5	21st	288·8	285·4	13th	291·2	−1·3	*290·5*	39	[illegible]
658	Moncay	21 31	107 51	9	1013·7	1014·8	+0·3	292·5	300·0	19th	287·5	284·0	13th	290·0	−2·0	*289·3*	71	[illegible]
659																		
660	Hong Kong	22 18	114 10	33·2	1011·8	1015·7	−0·2	291·8	298·4	20th	287·7	282·8	24th	289·8	−0·6	289·5	177	[illegible]
661	Taihoku, Formosa	25 2	121 31	9·3	1016·2	1017·3	−0·1	292·4	299·6	30th	286·5	280·4	25th	289·5	−0·9	289·0	316	[illegible]
662	Naha	26 13	127 41	10·5	1015·5	1016·8	−0·2	293·1	298·1	31st	287·2	282·5	15th	290·2	−1·0	290·0	200	[illegible]
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

MARCH—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N. ° ′	W. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a	a	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	809·5	..	..	298·6	302·0	26th	282·6	277·0	17th	290·6	..	*290·3*	0	..
717	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	19 26	99 8	2280	780·1	..	+0·6	296·9	300·8	14th	281·9	275·4	16th, 17th	289·4	+0·8	289·7	3	−9
718a	Oaxaca	17 4	96 44	1563	847·1	..	..	303·0	306·4	26th	284·5	279·2	16th	293·8	..	*293·5*	0	..
719	Belize	19 29	88 12	1·9	1020·1	1020·3	+4·8	301·9	303·6	2nd	297·4	291·9	18th	299·2	−1·0	*298·1*	15	−26
720	San Salvador	13 44	89 9	657	939·3	1012·7	+1·8	..	307·8	..	..	286·5	..	297·2	+1·0	..	7	−7
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1016·4	+1·8	301·8	303·8	23rd	292·9	291·3	21st	297·3	−0·4	*297·3*	199	+140
722	Port au Prince	18 34	72 22	37·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	1016·4	1017·1	..	300·1	302·0	13th	295·0	293·0	26th	297·6	..	..	60	..
724	Grenada (Richmond Hill)	12 3	61 45	155·1	996·4	1014·3	+1·3	300·4	301·3	19, 28, 31	294·6	293·0	17th	297·5	−0·9	*297·0*	87	+17
725	Barbados	13 8	59 36	55·2	..	1013·8	+1·4	300·9	301·6	4, 7, 28	293·7	292·4	19th	297·3	−2·3	*297·0*	54	+12
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1014·9	1016·2	+1·9	295·9	297·0	7, 17, 18	291·7	287·0	6th	293·8	−0·8	..	0	−1
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·1	1016·1	..	297·8	301·0	6th	292·9	291·0	6th	295·3	+0·1	..	0	0
733	Bathurst	13 24	16 36	1·5	1012·3	1012·5	+0·1	304·7	310·8	2, 7, 8	291·9	288·6	3rd, 28th	298·3	+1·2	*298·3*	0	0
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	313·8	316·3	18, 22, 28	292·1	288·6	13th, 18th	303·0	+0·4	..	0	0
735	Ségou	13 34	6 17	? 272	..	..	..	..	..	..	291·9	286·5	1st, 2nd	..	..	..	2	..
736	Timbouctoo	16 43	W 2 52	250	983·1	1011·4	+1·7	310·3	319·0	28th, 29th	288·8	281·6	1st	299·6	−1·5	*299·4*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	309·9	316·3	30th	292·3	286·9	7th	301·1	−1·7	..	0	−5
738	Kontagora	10 24	5 24	400	..	..	..	310·9	314·1	22nd	294·2	291·3	18th, 26th	302·6	−0·1	..	0	−13
739	Maiduguri	11 48	13 12	370	..	..	..	309·7	316·9	31st	289·8	285·8	8th	299·8	−2·4	..	0	0
740	Katagum	12 17	10 22	30·7	..	..	..	310·5	315·8	20th, 31st	289·1	283·0	11th	299·8	−1·6	..	0	0
742	Kadugli	11 2	29 45	503	..	..	..	309·8	313·5	2, 18, 30	290·6	285·0	8th	300·2	..	..	0	..
743	El Obeid	13 11	30 14	585	..	1014·8	+2·0	305·2	311	31st	285·8	281	11th	295·5	−2·0	*296·4*	0	−4
744	Khartoum	15 37	32 33	390	..	1013·0	+2·4	305·3	312	31st	288·8	282	11th	297·0	−2·3	*297·5*	0	0
746	Aden	12 45	45 3	28·7	1010·8	1014·1	+0·7	300·5	302·5	18th	296·9	294·9	7th	298·7	−0·8	*298·0*	1	−16
751	Bombay	18 54	72 49	11·3	1011·4	1012·6	−0·2	302·5	304·7	24th	294·8	292·7	2nd	298·7	−0·8	*297·8*	0	−1
752	Mysore	12 18	76 40	768	927·2	1011·1	−0·3	307·6	309·4	31st	293·1	291·1	25th	300·3	+0·5	*299·7*	0	−5
752a	Kodaikanal	10 13	77 28	2343	772·0	..	−0·5	294·6	296·9	27th	283·3	280·8	2nd, 24th	289·0	+0·5	*287·9*	135	+80
753	Madras	13 4	80 14	6·7	1010·9	1011·7	−1·1	306·2	309·4	22nd	295·9	293·8	24, 26, 27	301·1	+0·7	300·7	0	−5
754	Waltair	17 45	83 16	68·9	1003·6	1011·5	−1·0	303·6	305·6	19th	296·8	294·6	5th	300·2	..	*299·3*	0	−9
755	Port Blair	11 40	92 40	17·7	1009·2	1011·2	−1·2	305·0	306·2	7th	297·6	294·9	10th	301·3	−0·5	*300·4*	1	−18
756	Rangoon	16 46	95 48	5·5	1010·6	1011·4	−1·1	308·3	309·9	29th	293·9	291·1	9th	301·1	−0·7	*299·6*	2	−7
757	Saigon	10 46	106 42	11·2	1008·2	1009·4	−1·0	307·4	309·8	27th	296·2	293·6	3rd, 6th	301·8	−0·2	..	0	−4
758	Nhatrang	12 16	109 12	6·8	1011·1	1011·8	−0·2	302·9	304·6	28th	294·6	292·7	6th	298·8	−0·5	..	6	−15
759	Bolinao	16 24	119 53	9·5	..	1010·0	−1·9	306·0	307·9	19th	296·4	294·0	3rd	301·2	+0·4	300·6	5	−8
760	Vigan	17 34	120 23	14·7	..	1010·2	−1·4	305·7	307·3	22nd	296·0	292·9	2nd	300·9	+0·2	300·1	0	−6
761	Manila	14 35	120 59	14·2	..	1010·4	−1·2	306·4	308·2	18th	294·0	291·9	3rd	300·2	−0·1	299·5	16	−3
762	Ormoc	11 0	124 36	5·6	..	1009·7	−1·0	304·7	306·0	18, 30, 31	294·2	291·9	21st	299·5	+0·6	299·2	81	+3
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1010·1	..	302·7	303·6	18, 19, 30	296·7	?293·2	13th	299·7	+0·3	..	25	..
		N.	E.															

Between Latitude 10° N. and 0°.

MARCH—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	304·1	306·9	12th	297·8	296·9	4, 14, 31	301·0	−0·2	*299·4*	358	−18
819	Culebra	9 10	79 40	123·1	..	1011·3	−0·3	304·7	306·3	27th	294·1	292·4	16th	299·4	+0·2	..	14	−3
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	El Peru, Guayanavieja	7 30	62 0	? 300	987·6	1022·2	..	300·8	303·0	12th	293·1	290·2	1st	297·0	..	..	57	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1016·1	1016·3	+3·8	301·9	302·7	23rd	296·4	295·2	1, 12, 27	299·2	−0·2	..	194	+6
826	Paramaribo	5 49	55 9	4	1013·5	1013·9	..	301·5	303·4	1st	295·1	292·4	2nd	298·3	..	*297·6*	141	−63
826a	Cayenne	4 56	52 21	6	..	..	..	302·1	304·2	7th, 9th	296·1	294·2	17th	299·1	−0·2	*299·4*	227	−175
833	Conakry	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Sierra Leone	8 30	13 9	68·3	1002·9	1010·7	0·0	305·7	308·6	27th	296·3	295·2	6, 13, 31	301·0	−0·3	..	0	−26
835	Cape Coast Castle	5 5	1 13	..	..	..	..	304·9	..	..	296·5	..	..	300·7	+0·4	..	59	+1
836	Accra	5 35	W 0 6	18	..	..	..	304·8	..	..	296·6	..	..	300·7	+0·1	..	31	−12
837	Lagos	6 22	E 3 28	7·6	..	1010·0	+0·6	304·8	309·4	..	298·2	294·8	..	301·5	+0·2	..	27	−64
838	Zungeru	9 48	6 10	130	..	1010·6	+1·0	310·9	313·6	21st	295·4	291·3	3rd	303·2	−0·3	..	0	−11
838a	Libreville	0 23	9 26	35	..	..	..	304·8	306·2	26th	294·2	293·0	23rd	299·5	−0·5	..	322	−26
839	Yola	9 12	12 30	259	..	..	..	310·4	315·2	21st	296·3	291·3	8th	303·4	−0·9	..	0	−6
841	Kafia Kingi	9 22	24 18	596	945·8	..	..	..	..	..	295·1	292·0	23, 25, 26	..	..	..	0	..
842	Wau	7 42	28 3	440	..	1010·4	+1·6	309·5	313	2nd, 18th	292·0	285	10th	300·8	−1·2	..	16	−2
843	Entebbe	0 5	32 29	1171	885·1	..	+2·6	299·1	300·8	24th	290·9	289·4	26th, 28th	295·0	−0·1	*294·1*	242	+87
844	Nandi	0 2	35 5	2010	..	..	..	298·3	300·2	3rd	283·6	281·3	25th	291·0	−0·5	..	145	+10
845	Harrar	9 42	42 30	1856	..	..	..	299·3	302·0	5th, 9th	287·1	285·0	14th	293·2	..	..	136	..
851	Cothin	10 0	76 21	2·7	1011·1	1011·4	−0·8	305·6	307·0	30th	298·4	297·3	2nd, 3rd	302·0	+0·1	*301·1*	3	−50
852	Colombo Observatory	6 54	79 53	7·3	1008·8	1009·6	−0·3	304·7	306·3	1st	295·8	293·2	15th	300·2	−0·9	*299·3*	205	+116
853	Candy	7 18	80 40	504·5	..	..	..	304·7	307·0	26th	292·5	284·6	13th	298·6	−0·2	..	83	−4
855	Medan	3 35	98 41	23·5	..	1009·3	−1·4	..	..	..	..	..	..	..	..	..	82	−9
856	Kota Radja	5 32	95 20	7·1	..	1009·9	−1·2	..	..	..	..	..	..	..	..	..	0	−86
857	Penang	5 34	100 20	5·0	1006·6	1007·2	−1·9	306·3	309·1	13th	296·5	295·8	1st	301·4	+0·2	..	97	−21
858	Singapore	1 17	103 51	2·2	1009·0	1009·2	−1·0	304·2	306·1	10th	298·1	294·7	3rd	301·2	+0·8	..	528	+353
860	Sandakan	5 49	118 12	..	..	..	..	303·7	304·7	29th, 30th	296·5	296·3	sev. dates	300·1	−0·1	..	161	−45
861	Tagbilaran	9 38	123 51	26·2	..	1009·5	−0·9	305·3	307·9	29th	294·7	292·2	30th	300·0	−0·3	299·1	46	−26
862	Surigao	9 48	125 29	6	..	1009·6	−1·0	303·8	306·4	14th	295·0	293·0	5th	299·4	0·0	298·9	161	−105
863	Yap	9 29	138 8	31·9	..	1008·1	..	304·4	305·8	6th, 23rd	297·0	294·8	15th	300·7	..	..	48	..
869	Uyelang	9 42	161 2	<10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MARCH—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1010·3	1011·4	+2·6	306·4	307·4	15th	297·0	295·8	11th	301·7	+0·3	*301·0*	15	− 85
906																		
923	Manaos	3 8	59 59	44·9	1005·2	1010·3	+1·4	..	307·4	..	..	295·4	..	299·5	−1·2	..	227	..
929	Quixeramobim	5 16	39 15	207·0	988·9	1012·5	+2·5	..	304·2	..	..	294·4	..	299·2	−0·9	*299·1*	187	..
930	Fernando Noronha	3 51	W32 25	95	999·8	1010·8	+0·1	..	302·4	..	..	294·2	..	298·9	..	..	180	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	307·1	309·5	22nd	292·9	291·2	28th	300·0	−0·6	..	405	+ 86
940	Loango	4 38	11 50	? 50	..	..	..	304·5	..	..	296·9	..	..	300·7	..	*300·2*	60	..
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
944	Nairobi	1 18	36 59	1660	..	..	..	296·5	301·1	1st	285·3	280·5	18th	290·9	−1·0	..	279	+100
944a	Zanzibar	6 10	39 11	21·9	1010·2	1012·7	0·0	302·6	305·3	10th	298·3	295·3	10th	300·4	−0·8	*299·9*	254	..
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	305·7	306·3	6th	297·9	296·9	6th	301·8	..	..	34	+ 35
947	Seychelles	4 37	55 27	4·6	..	1010·6	0·0	302·3	303·2	..	298·8	297·1	..	300·6	+0·9	..	283	+ 33
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1009·8	−1·4	303·5	305·8	4th	296·0	294·0	20th	299·8	..	299·0	375	+ 53
957	Batavia	6 11	106 50	8	1007·8	1008·7	−1·2	302·0	304·0	13th	296·7	295·4	15th	299·3	0·0	298·9	262	+ 9
958	Pontianak	0 1	109 20	2·6	..	1009·4	−0·1	303·4	305·2	23rd	296·1	293·2	11th	299·8	..	298·9	232	+220
959	Passeroean	7 38	112 55	5·0	..	1007·8	−1·6	..	..	..	..	..	..	..	..	..	445	+299
960	Kajoemas	7 56	114 9	950	..	..	..	295·2	297·6	16th	290·1	290·5	7th	293·3	..	292·6	752	+472
961	Koepang	10 10	123 34	3·3	..	1008·0	−0·3	303·0	305·0	11th	296·7	295·8	22nd	299·9	..	299·4	353	+ 89
962	Ambon	3 42	128 10	4·2	..	1008·0	−0·5	303·8	305·3	11th	297·0	296·1	21st	300·4	+0·5	299·5	207	..
965	Daru	9 4	143 13	8	..	1010·4	+0·2	303·6	..	..	297·1	..	..	300·3	+0·1	..	370	+ 30
966	Port Moresby	9 29	147 9	39	..	1007·8	−1·5	304·4	..	..	297·7	..	..	300·9	+0·1	..	278	+165
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	242	−377
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1007·0	1007·2	+0·1	304·8	306·9	14, 17, 22	297·8	296·3	24, 25, 31	301·3	+0·9	..	354	−191
970	Ocean Island	0 52 S.	169 36 E.	25·6	1003·8	1006·8	−1·4	303·9	304·7	2, 9, 14	297·6	296·9	15, 17, 22	300·8	−0·1	*300·2*	41	..

MARCH—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
1001		° S. ′	° W. ′															
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	+170
1003	Alofi, Niue Island	19 2	169 55	36·6	1009·2	1013·4	+1·4	304·1	308·6	2nd	295·7	294·7	9, 19, 30	299·9	−0·1	..	506	− 8
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1005·1	1010·5	−0·3	304·3	306·8	6th	296·6	295·0	21st	300·5	..	..	273	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	1011·4	1012·6	+0·7	300·2	305·2	4th	289·3	287·0	27th	294·8	+0·7	*295·0*	0	− 7
1022	Arequipa	16 22	71 33	2451	761·7	..	−0·2	292·5	294·7	11th, 12th	282·6	280·2	20th	287·6	0·0	*287·6*	7	− 13
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	727·2	..	..	296·3	303	14th	282·2	279	27th	289·3	−1	..	79	− 55
1025																		
1026	Cuyaba	15 36	56 0	235	991·2	1018·0	+0·7	303·7	306·4	..	297·7	296·2	..	300·7	+0·7	..	122	− 8
1027	Bello Horizonte	19 55	43 56	857·0	919·2	1014·3	..	302·8	305·6	18th	289·9	288·4	20th	296·4	..	..	57	..
1028	Cætite	14 2	42 37	900	912·8	1011·9	..	..	306·5	..	..	289·6	..	297·4	..	..	0	..
1029	Ondina	13 12	38 30	46·6	1008·4	1013·8	..	..	307·0	..	..	295·5	..	300·3	..	..	78	..
1030	Aracaju	10 55	37 4	4·3	1012·6	1013·1	..	..	304·6	..	..	297·0	..	300·8	..	..	19	..
1035	St. Helena	15 57	W 5 40	632	944·8	1015·9	−1·1	297·2	300·8	9th, 18th	289·6	288·6	6th	293·4	+1·3	*293·1*	101	− 8
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	858·6	..	−0·4	300·5	304·1	..	286·7	283·1	..	293·6	+0·9	..	28	− 59
1043	Salisbury, Rhodesia	17 49	31 3	1487	856·8	..	+1·4	298·1	302·6	..	286·9	284·6	..	292·5	−0·4	..	133	+ 12
1044	Zomba	15 23	35 18	954	905·8	1011·7	0·0	298·4	301·2	8th	288·8	287·4	20, 24, 26	293·6	−0·9	*292·8*	336	+ 16
1045	Tamatave	18 9	49 26	4	1011·4	1011·8	0·0	305·5	307·2	28th	296·7	294·4	31st	301·1	+1·2	..	528	− 13
1046	Tananarivo	18 55	47 32	1400	862·9	..	−0·2	299·4	302·0	20th	289·2	288·0	22, 27, 28	294·3	−0·1	293·4	61	..
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1008·3	−2·5	301·9	304·7	8th	297·9	296·3	18th, 25th	299·4	−1·3	..	714	+504
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1005·4	1006·0	−2·0	302·1	304·9	..	297·5	296·4	..	299·8	−0·9	..	639	+360
1058																		
1061	Derby	17 18	123 40	16·2	..	1008·1	−0·1	306·7	309·9	5th	300·2	295·5	29th	303·4	+0·3	..	110	+ 17
1062	Hall's Creek	18 13	127 46	373·6	..	1008·3	−0·4	307·2	312·4	14th	295·4	286·9	10th	301·3	+0·6	..	150	+ 25
1063	Port Darwin	12 28	130 51	29·6	..	1006·9	−0·5	304·7	307·4	1st	297·7	296·3	25th	301·2	−0·8	*300·1*	346	+ 96
1064	Daly Waters	16 16	133 23	210·6	..	1006·6	..	307·1	310·8	13th	295·7	290·2	28th	301·4	−0·4	*301·0*	41	− 60
1065	Mein	13 13	142 57	121·9	..	1006·5	..	303·3	306·3	11th	296·7	295·8	10th	300·0	..	..	255	− 6
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	304·6	309·0	13th	295·1	290·2	31st	299·8	..	..	60	− 77
1067	Samarai	10 37	150 40	6·4	..	1006·8	−1·4	304·3	..	..	297·6	..	..	301·0	+0·6	..	196	+246
1068																		
1071																		
1072	Suva, Fiji	18 8 S.	178 26 E.	5·2	..	1010·0	−0·1	301·1	303·0	2nd	296·4	294·1	13th	298·8	−0·9	..	640	+246
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MARCH—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
1105	Rarotonga (Avarua)	° S. ′ 21 12	° W. ′ 159 47	metres. ..	mb. ..	mb. ..	mb. ..	a. 302·1	a. 303·3	26th	a. 296·3	a. 294·1	23rd	a. 299·2	a. ..	a. ..	mm. 196	mm. − 73
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1015·0	1018·5	..	299·2	301·4	1st	292·7	291·1	18th	296·0	..	*296·0*	188	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1011·4	1014·4	−0·2	292·5	295·0	5th	287·0	284·4	18th	289·8	0·0	*289·4*	0	− 2
1122	Puerto de Antofagasta	23 39	70 25	5	1013·9	1014·5	+1·1	299·7	301·2	1st	289·7	288·4	30th	294·7	+0·4	*295·1*	0	0
1123	Goya	29 9	59 15	64	1007·0	1014·5	0·0	301·6	309·6	14th	292·0	285·0	16th	296·8	−1·1	*295·9*	151	+ 25
1126	Porto Alegre	30 2	51 13	15	1013·9	1014·7	..	300·9	309·3	5th	291·9	286·2	28th	296·4	..	..	120	+ 56
1127	Curityba	25 26	49 16	908	913·6	1014·4	−0·7	299·7	304·7	..	289·0	285·4	..	294·4	+1·5	*293·8*	162	+ 47
1128	Rio de Janeiro	22 54	W43 10	64	1006·2	1013·6	+0·4	302·1	307·2	3rd	295·9	292·5	..	299·0	−0·2	*298·7*	58	− 77
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141	Johannesburg	26 11	28 4	1874	..	..	..	295·1	299·9	6th	284·4	279·0	2nd	289·8	−0·1	*289·3*	114	+ 10
1142	Kimberley	28 42	28 47	1202	882·7	..	+0·7	302·1	306·9	6th	288·2	286·3	4th, 25th	295·2	+0·6	294·2	101	+ 23
1142a	Pretoria	25 45	28 11	1338	870·2	..	+0·2	299·4	304·7	6th	286·3	281·6	3rd	292·9	+0·1	..	81	− 23
1143	Durban	29 51	31 0	14·3	1015·4	1017·1	−0·8	296·4	300·2	18th	292·4	290·2	4, 14, 15	294·4	−2·5	..	536	+410
1144	Lorenzo Marques	25 58	32 36	59	..	1015·2	+0·3	302·7	307·1	25th	293·2	290·3	19th	297·9	0·0	297·4	62	− 1
1147	Mauritius	20 6	57 33	54·3	1003·4	1009·7	−2·2	301·9	303·7	10th	294·7	290·7	16th	298·3	−0·3	298·1	74	−162
1148																		
1159	Onslow	21 43	114 57	4·3	..	1005·7	−2·7	307·3	317·6	2nd	296·6	293·3	29th	302·0	−0·2	..	28	+ 6
1160	Peak Hill	25 38	118 47	588·3	..	1006·5	−3·0	306·1	314·8	4th	294·2	286·9	29th	300·2	−0·5	..	47	+ 12
1161	Nullagine	21 53	120 5	385·6	..	1006·7	−2·1	309·2	315·2	23rd	296·2	289·0	29th	302·7	+0·7	..	50	− 7
1162	Laverton	28 40	122 23	466·3	..	1012·7	−1·1	302·6	314·7	2nd	290·4	284·8	28th	296·5	−0·7	..	16	− 12
1163	Alice Springs	23 38	133 37	587·0	..	1009·7	−1·2	303·8	309·4	21st	290·8	281·9	10th	297·3	−0·7	*297·6*	55	+ 22
1164	William Creek	28 55	136 21	76·2	..	1012·6	..	302·4	311·1	22nd, 23rd	290·1	282·4	30th	296·2	..	*296·1*	19	− 1
1165	Boulia	22 55	139 38	145·7	..	1009·7	..	305·8	310·8	18th, 19th	292·5	284·2	30th	299·2	..	..	60	+ 17
1166	Mitchell	26 32	147 52	337·1	..	1012·3	..	300·9	307·2	20th	288·1	276·6	29th	294·5	..	..	82	− 12
1167	Rockhampton	23 24	150 30	11·3	..	1012·3	..	302·7	307·9	14th	293·6	283·2	29th	298·2	..	..	140	+ 1
1168	Brisbane	27 28	153 2	41·7	..	1013·5	−0·8	301·9	307·9	16th	291·3	284·3	29th	296·6	+0·1	..	95	− 61
1169	Noumea	22 16	166 27	9	1009·5	1010·5	..	303·3	305·7	9th	295·8	294·2	24th	299·6	+1·0	..	108	− 32
1170	Norfolk Island	29 4 S.	167 58 E.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

MARCH—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
1219		° S. ′	° W. ′															
1220	Juan Fernandez	33 37	78 50	10	1017·9	1019·1	−0·4	294·1	297·1	2nd	289·3	287·0	31st	291·7	−0·6	..	43	0
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1009·9	1014·7	−0·2	294·0	297·8	1st	285·0	282·5	18th	289·5	−1·9	*288·5*	0	− 14
1222	Santiago	33 27	70 42	520	954·2	1013·5	0·0	300·2	307·3	11th	281·5	277·5	5th	290·9	−0·2	289·3	0	− 5
1223	Cordoba	31 25	64 12	439	963·8	1013·6	−1·0	300·8	309·0	13th	286·3	277·8	16th	293·6	−0·2	293·0	46	− 42
1224	Buenos Ayres	34 16	64 11	25·2	1011·3	1014·3	+0·4	297·6	303·5	11th	286·9	281·0	27th	292·2	−1·6	*292·4*	177	+ 63
1225	Rio Grande	32 2	52 6	2·3	1013·1	1013·4	−1·0	297·5	301·4	12th	291·8	287·0	17th	294·7	−1·1	..	105	+ 30
1226	Montevideo	34 55	W56 13	29·3	..	1013·3	+0·2	..	301·6	11th	..	286·0	25th, 27th	..	..	292·6	126	+ 25
1239	Cape Town	33 56	E18 29	12	1013·6	1015·0	+0·5	300·2	308·4	3rd	288·8	285·2	22nd	294·5	+1·4	*292·8*	3	− 21
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	6	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	300·3	308·6	4th	287·3	283·0	19th	293·8	+2·6	..	18	− 34
1242	East London	33 2	27 55	10·1	1016·0	1017·2	+2·2	295·8	300·8	24th	290·1	288·0	14, 16, 19	292·9	−0·4	..	171	+113
1259	Perth (Observatory)	31 57	115 51	60·0	..	1013·4	−2·2	300·4	309·7	7th	289·3	283·2	12th	294·9	+0·1	..	13	− 7
1260	Katanning	33 42	117 35	309·7	..	1015·2	−0·8	297·9	308·6	1st	285·8	279·6	29th	291·9	−0·1	..	19	− 5
1261	Coolgardie	30 57	121 10	423·3	..	1013·5	−3·5	301·9	311·7	21st	287·9	281·4	12th	294·9	0·0	..	5	− 11
1262	Eucla	31 45	128 58	4·6	..	1015·3	−1·4	296·9	312·6	22nd	288·3	281·3	14th	292·6	−1·1	..	2	− 21
1263	Streaky Bay	32 48	134 13	13·1	..	1016·2	−0·8	298·6	310·7	2nd	287·1	280·8	9th	292·8	−0·1	..	18	+ 2
1264	Adelaide	34 56	138 35	42·7	..	1015·1	−2·1	298·6	310·8	2nd	287·9	282·3	30th	293·3	−0·7	*292·8*	30	+ 1
1265	Melbourne	37 49	144 57	35·1	..	1013·5	−3·7	294·1	308·3	3rd	285·4	279·9	17th	289·8	−1·4	*289·4*	131	+ 77
1266	Bourke	30 13	145 58	110·1	..	1016·1	+0·5	302·9	310·9	18th	288·4	278·6	29th	295·7	−2·6	..	12	− 28
1267	Sydney	33 51	151 13	44·5	..	1012·7	−3·9	298·3	307·4	6th	289·7	282·4	28th	294·0	+0·3	..	226	+ 96
1268	Lord Howe Island	31 32	159 4	..	..	..	..	299·3	302·0	16th	292·6	286·4	31st	295·9	..	..	86	− 72
1271	Auckland	36 50	174 50	38·1	..	..	..	295·3	298·6	twice	287·5	282·7	twice	291·4	+0·1	..	59	− 9
		S.	E.															

MARCH—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
1301		° S. ′	° W. ′															
1302	Chatham Island	43 52	176 42	103·6	..	1011·8	+0·7	289·0	293·6	8th	282·7	278·6	12th	285·9	−0·5	..	169	+100
1321																		
1322	Punta Corona	41 51	73 50	25	1008·2	1011·2	..	288·3	291·0	26th	281·6	280·1	4th, 26th	285·0	−1·3	*284·6*	70	− 84
1323	Punta Galera	40 1	73 44	40	1011·9	1016·7	+1·0	289·6	290·5	28th	282·3	280·4	31st	285·0	−1·0	*284·6*	89	− 28
1324	Bahia Blanca	38 45	W62 12	20	1011·6	1014·0	+3·6	299·7	307·6	30th	286·4	279·8	15th	293·1	0·0	*292·4*	43	− 21
1365																		
1366	Hobart	42 53	E147 22	53·9	..	1010·8	−3·4	291·0	303·0	3rd	282·5	277·4	16th	286·8	−1·4	*285·8*	49	+ 8
1369	Launceston	41 27	147 10	9·4	..	1011·1	−2·9	292·9	301·4	3rd	282·0	275·7	28th	287·4	−1·5	..	94	+ 52
1370																		
1371	Dunedin	45 52	170 31	76	..	1009·3	−4·9	289·3	301·3	7th	282·0	278·0	30th	285·7	−0·2	..	98	+ 15
1372	Christchurch	43 32	172 38	7·6	..	1011·0	−5·1	292·8	301·1	8th	282·6	274·2	26th	287·7	0·0	..	15	− 40
	Wellington	41 16	174 46	2·4	..	1014·0	−2·5	292·3	295·4	22nd	286·2	279·1	25th	289·3	−2·1	..	72	− 16
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours † Computed means for the 24 hours are in *italics*.

MARCH—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	996·7	1003·4	+6·4	283·8	286·0	31st	276·8	274·8	27th	280·3	−1·1	*281·3*	322	+14
1422	Puerto de Punta Arenas	53 10	70 54	4	999·6	1000·1	+4·3	286·5	290·2	14th, 15th	278·8	276·1	31st	282·7	+0·4	*282·3*	47	+ 3
1423	Punta Dungeness	52 24	68 25	5	999·4	1000·0	+0·2	285·6	289·0	1st	281·0	278·0	24th	283·3	+0·7	*282·7*	18	− 7
1425	Cape Pembroke	51 41	57 42	15	996·7	999·2	−2·8	282·9	285·2	4, 21, 31	276·6	273·0	11th, 12th	279·8	−0·8	280·8	..	..
1426	Stanley, Falkland Is.	51 41	W 57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	115	+59
1429	S. Georgia (Cumberland Bay)	54 14	W 36 34	3·7	993·7	994·2	−2·4	279·1	283·6	7th	273·1	280·8	25th, 29th	276·1	−2·2	*275·7*	230	+92
1467	Macquarie Is.	54 30	E 158 57	9	..	1000·4	−1·7	280·1	281·6	17th	277·3	275·2	22nd	278·7	..	278·7	..	..
		S.	E.															

MARCH—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44	44 39	6·9	991·9	992·8	+2·5	..	275·7	..	..	265·0	..	..	−1·5	271·1	28	−27
1528		S.	W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—MARCH 1913.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.
			9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.
	9 a.m.	m/s.										
1	SSE	5·8	E 4	E 4	W 1	SW 4	NE 2	NE 2	NW 2	E 2	E 2	Calm 0
2	SE	5·8	E 3	NE 4	NE 2	W 2	NE 3	E 1	Calm 0	E 2	E 3	NE 1
3	SE	6·3	ENE 4	NE 3	Calm 0	SW 4	NE 2	E 1	NW 3	E 1	NE 1	NE 3
4	SSE	5·0	SE 4	SE 1	W 2	SW 4	NE 4	NE 2	ESE 2	ENE 2	E 5	NE 1
5	SSE	5·8	SE 1	NE 2	SW 2	SW 4	E 4	Calm 0	NE 2	E 3	E 2	E 2
6	ESE	4·2	NE 3	NE 3	W 1	SW 1	E 1	E 1	NE 2	E 3	E 2	NE 1
7	ESE	2·1	SE 3	NE 2	W 2	W 2	E 3	E 1	NW 1	E 2	E 1	Calm 0
8	E by S	0·8	E 2	E 2	Calm 0	SW 4	E 3	Calm 0	E 2	E 1	E 2	Calm 0
9	SE by E	3·3	SE 3	E 3	Calm 0	SW 2	E 3	Calm 0	E 2	E 2	Calm 0	E 3
10	SE by S	5·8	SE 3	E 2	Calm 0	SW 4	E 2	NE 1	SE 3	E 2	E 1	E 2
11	SE by S	10·0	E 2	E 2	Calm 0	SW 4	NE 3	E 1	SE 2	E 1	Calm 0	SW 1
12	SE by S	9·6	NE 2	NE 3	Calm 0	SW 4	N 2	NE 2	Calm 0	ENE 2	Calm 0	Calm 0
13	SE	7·1	E 3	NE 3	SW 2	SW 5	N 1	N 1	NW 1	E 2	Calm 0	Calm 0
14	SSE	8·3	NE 2	NE 3	SW 2	SW 4	NW 1	Calm 0	Calm 0	E 1	E 1	E 1
15	SE by S	7·5	NE 4	NE 4	Calm 0	SW 2	N 2	NE 1	NW 2	ESE 1	E 1	SW 1
16	SE	6·7	E 4	E 3	W 3	SW 3	N 2	SE 2	E 2	E 2	E 2	E 3
17	SSE	5·0	E 3	E 5	Calm 0	SW 5	N 2	N 1	ESE 1	E 1	E 1	S 5
18	SE by S	4·6	NE 3	NE 4	Calm 0	SW 4	NE 3	N 1	ESE 1	ENE 2	Calm 0	SSE 12
19	SSE	5·8	NE 3	NE 3	SW 4	S 2	E 4	E 1	SE 2	ENE 2	Calm 0	NE 3
20	SSE	5·4	E 2	NE 4	W 2	SW 2	NE 2	Calm 0	ESE 1	NE 2	Calm 0	NE 3
21	SSE	5·8	NE 3	NE 3	NE 2	SW 3	NE 2	Calm 0	ESE 1	E 1	E 1	Calm 0
22	SSE	8·8	ENE 2	NE 2	W 2	SW 6	NE 3	Calm 0	ESE 1	E 2	Calm 0	Calm 0
23	SSE	10·4	NE 1	NE 2	S 2	SW 4	NE 2	NE 1	Calm 0	ENE 3	ENE 1	SW 2
24	SE by S	9·6	ENE 3	ENE 2	W 2	SW 2	E 3	Calm 0	Calm 0	ENE 2	Calm 0	E 3
25	SSE	8·8	NE 3	NE 4	S 2	SW 4	E 4	E 2	Calm 0	E 2	E 1	E 3
26	SE	7·1	ENE 2	NE 4	Calm 0	SW 2	NE 3	E 1	SE 1	ENE 1	Calm 0	E 3
27	SE by E	5·4	E 4	NE 2	SW 2	SW 4	E 4	E 1	Calm 0	NE 1	Calm 0	NE 3
28	SE	6·7	ENE 4	E 2	Calm 0	SW 2	E 4	NE 2	N 1	NE 1	Calm 0	NE 2
29	SSE	7·1	E 4	E 4	W 2	W 4	E 3	Calm 0	Calm 0	ENE 2	Calm 0	NE 3
30	SSE	5·4	NE 3	E 3	W 3	SW 6	NE 2	E 2	Calm 0	ENE 3	ENE 2	NE 4
31	SSE	4·2	NE 3	NE 4	Calm 0	SW 4	NE 3	E 1	NW 2	E 2	E 1	E 2·2
Mean for Month	..	6·3	..	2·9	..	3·0	..	3·4	2·7	1·2	1·8	1·0
Deviation from Normal	..	−0·3	..	..	..	1·3	..	..	−1·0	0·9	−0·9	+0·2

* Direction and velocity in the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—MARCH 1913.

"**Barents Sea* was open in 71° 35′ N., 36° 50′ E."

**Spitsbergen.*—"The ice in the outmost Icefiord broke up on the 5th. On the N. coast the sea froze."

**Greenland Sea.*—"At Angmagsalik the 'Storis' was closely packed. A little scattered ice was seen near *Iceland*."

North Atlantic and Labrador.—"There was but little field-ice, limits 45° N., 43° W., and few icebergs, limits 43° N., 41° W. The extreme limits 1901–16 have been: field ice, 41° N., 39½° W.; icebergs, 40° N., 40½° W."

**Davis Strait, Baffin Bay.*—"The west coast of Greenland was for the most part ice-free, probably there was less ice than usual."

"**Behring Sea* was ice-free, which is not usual."

* *Isforholdene i de arktiske Have, 1913*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, APRIL 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF APRIL 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. APRIL—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	1012·8	1013·7	..	..	..	..	..	..	..	..	..	*254·0*	2	..
124	Upernivik	72 47	W 56 7	18·9	1004·8	1007·2	− 8·4	..	..	..	253·9	247·5	18th	..	−0·9	*257·4*	16	+ 2
125																		
126																		
139	Spitsbergen	78 2	E 14 14	11·4	1010·6	1012·1	+ 1·4	..	275·6	19th	259·1	243·1	12th	..	..	263·3	38	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1011·2	1012·0	+ 1·2	..	280·2	23rd	271·4	263·5	11th	..	+1·6	273·7	25	−12
142	Mehavn	71 1	27 47	6·4	1011·8	1012·6	..	..	280·8	23rd	270·4	263·3	12th	..	..	*273·2*	46	+ 4
143	Vardö	70 22	31 8	10·0	1012·6	1013·9	+ 2·4	..	279·0	21st	270·4	261·5	11th	..	+1·5	272·7	40	− 2
144																		
147	Malye Karmakouly	72 23	52 43	14·8	1012·6	1014·6	+ 0·7	..	277·3	21st	261·6	250·7	1st	265·3	+1·5	*265·0*	8	+ 1
148		N.	E.															

Between Latitude 70° N. and 60° N. APRIL—ZONE 2.

203	Nome	64 30	165 24	4·6	1007·1	1007·8	..	270·6	276·9	30th	261·8	251·3	4th	266·2	..	..	5	..
204																		
205	Tanana	65 12	152 0	?	997·6	..	..	274·5	281·9	29th	262·5	244·7	1st	268·5	..	..	3	..
206																		
207	Valdez	61 6	146 13	3·1	1004·4	1004·7	..	276·4	280·2	26th	267·8	259·7	2nd	272·1	..	..	72	..
208	Eagle	64 46	141 12	248·4	975·3	1006·4	..	277·4	284·7	23rd	260·1	244·7	2nd	268·7	..	..	1	−14
209	Dawson	64 4	139 20	328	..	..	..	..	..	..	..	..	..	..	..	..	..	..
210	Carcross	60 11	134 34	662	..	..	..	..	..	..	..	..	..	..	..	..	..	..
211																		
212	Fort Simpson	61 52	120 43	129	999·1	1015·6	..	275·9	291·3	19th	262·8	244·7	2nd	269·4	−1·5	*270·3*	45	+27
213	Hay River	60 51	115 20	161	994·9	1015·6	..	274·4	290·8	19th	263·1	246·9	1st	268·8	−0·9	..	21	..
214	Fort Resolution	61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	6	..
225																		
226	Jacobshavn	69 13	51 2	12·6	1008·6	1010·2	− 3·2	266·6	274·7	3rd	257·3	248·4	17th	262·0	−1·2	*261·9*	11	+ 2
229	Godthaab	64 11	51 44	9·0	1003·4	1004·6	− 4·8	..	..	..	265·1	259·4	14th	..	−1·3	267·9	5	−28
230	Angmagsalik	65 37	37 34	31·7	999·5	1003·4	− 4·2	279·1	283·6	29th	267·3	257·0	15th	273·2	..	*271·4*	87	..
231																		
232	Stykkisholm	66 5	22 46	11·3	999·0	1000·4	−10·7	277·9	281·9	5th	272·5	266·9	17th	275·2	+1·3	*275·4*	39	+ 8
233	Vestmanno	63 26	20 15	7·7	999·1	999·9	−10·7	280·5	283·7	30th	274·5	270·7	17th	277·5	+0·1	*277·3*	162	+74
234	Grimsey (Akureyri)	66 33	17 58	22·0	1001·2	1004·0	− 8·8	276·6	280·2	5th	270·9	261·4	10th	273·8	+2·1	*273·7*	11	− 6
235	Berufjord	64 40	14 19	18·0	999·2	1001·4	− 9·6	279·3	283·4	6th	272·2	262·2	10th	275·8	+1·4	*275·7*	130	+51
236	Thorshavn	62 3	6 45	25·7	1002·4	1005·5	− 5·6	281·2	285·0	7th	275·6	266·6	11th	278·4	+0·1	*278·8*	93	+ 5
237	Lerwick	60 9	W 1 8	18·0	1006·4	1008·5	− 2·9	280·8	284·1	23rd	276·6	268·6	11th	278·7	+0·4	*278·2*	65	..
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1005·6	1011·0	− 1·7	..	294·0	30th	276·2	266·9	11th	..	+0·8	*279·4*	71	−21
239	Christiansund	63 7	7 45	17·8	1008·3	1010·5	− 2·0	..	292·0	30th	276·2	265·8	11th	..	+1·6	*279·0*	94	+39
240	Trondhjem	63 26	10 25	39·5	1006·7	1011·6	− 1·2	..	294·1	29th	274·5	265·0	11th	..	+1·9	*278·2*	40	−17
241	Bodö	67 17	14 24	20·5	1008·4	1010·9	− 1·0	..	285·8	30th	273·4	261·6	13th	..	+1·6	*276·3*	66	+19
242	Haparanda	65 50	24 9	9·2	1012·9	1014·1	+ 0·6	276·2	286·0	25th	269·0	257·5	16th	272·6	+1·9	*273·0*	26	+ 3
242*a*	Helsingfors	60 10	24 57	11·7	..	1013·8	− 0·7	..	287	..	..	266	..	277·4	+2·8	*277·2*	36	+ 3
243	Kuopio	62 54	27 40	99·7	..	1015·4	− 0·7	..	289	..	..	260	..	276·0	+2·0	*275·9*	33	..
244	Kola	68 53	33 1	6·7	1013·9	1014·7	+ 2·3	275·8	282·8	23rd	268·2	256·2	11th	272·0	+1·1	*272·2*	21	+14
245	Petrozavodsk	61 47	34 23	38·9	..	1016·4	+ 1·5	..	291·5	23rd	..	..	..	276·4	+2·5	*276·2*	..	..
246	Arkhangelsk	64 33	40 32	6·7	..	1016·8	+ 2·9	..	289	..	..	262	..	276·4	+4·4	*276·1*	17	− 1
247	Yelsk	61 5	42 7	? 83	1008·6	1018·9	..	284·8	293·7	23rd	273·4	266·3	10th	279·1	..	*279·0*	..	..
248	Oust-Tsylma	65 27	52 10	? 25	..	1018·7	+ 2·5	..	287	..	..	252	..	272·9	+3·8	*272·6*	..	..
	Troitsko-Petcherskoe	62 42	56 13	? 123	1005·5	1021·0	..	..	..	24th	267·7	246·3	7th	274·4	..	*274·1*	13	..
249	Berezov	63 56	65 4	39·9	1015·5	1020·6	+ 4·2	..	287·4	22nd	264·1	246·0	2nd	269·5	+1·9	*269·1*	5	−12
250	Obdorsk	66 31	66 35	23·7	1015·6	1018·6	+ 3·9	..	280·0	21st	259·7	241·1	2nd	264·9	−0·4	*264·5*	15	+ 9
251	Sourgout	61 15	73 24	? 40	1016·8	1022·0	+ 2·4	..	285·5	28th	261·1	238·7	4th	268·1	−1·7	*267·7*	23	+14
252																		
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	1010·8	1013·4	..	..	274·1	12th	253·0	236·1	8th	258·1	..	*257·8*	16	..
261																		
262	Olekminsk	60 22	120 26	? 135	994·0	1010·5	− 7·0	..	277·6	26th	256·2	243·3	7th	264·8	−2·5	*264·4*	24	..
263	Iakoutsk	62 1	129 43	? 108	998·4	1012·5	− 2·1	..	275·3	29th	..	..	..	262·6	−1·2	*262·2*	2	− 4
264	Verkholansk	67 33	133 24	? 100	994·8	1008·1	− 6·3	..	270·5	26th	246·0	234·7	6th	257·7	−1·4	*257·3*	1	− 3
272	Oust-Malskoe	60 25	134 29	? 100	..	..	..	..	270·9	..	251·3	239·4	..	260·0	..	*259·6*	8	..
	Novo-Mariinskii Post	64 45	177 33	5·2	1011·6	1012·3	..	..	275·1	30th	256·2	245·3	18th	260·8	..	..	4	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

APRIL—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbour	53 54	166 32	4·0	..	1009·8	..	277·3	283·0	11th	272·8	268·6	7th	275·1	..	..	63	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	1005·7	1009·1	−1·3	281·2	286·3	12th	273·8	270·8	27th	277·5	−0·5	..	155	+13
310	Prince Rupert	54 18	130 18	52	..	1010·5	..	281·6	286·9	11th	275·8	274·1	6, 7, 29	278·7	..	..	225	..
311	Barkerville	53 2	121 35	1274	..	1011·8	..	279·7	286·9	18th	268·5	259·7	2nd	274·1	−0·8	*274·3*	47	−3
312	Kamloops	50 41	120 29	380	..	1012·2	−3·0	290·0	298·8	12th	275·3	268·0	2nd, 3rd	282·7	−0·3	*282·7*	6	−4
313	Calgary	51 2	114 2	1033	..	1011·5	−2·4	288·3	299·7	12th	273·2	265·8	3rd	280·7	+3·4	*280·9*	5	−12
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	960·0	1012·6	−2·6	285·8	298·0	21st	272·4	264·7	2nd	279·1	..	*279·6*	4	−20
316	Qu'Appelle	50 30	103 47	645	..	1014·2	−1·4	286·3	298·0	14th, 21st	272·8	263·0	26th	279·6	+4·3	*279·9*	8	−14
317	Minnedosa	50 15	99 50	518	..	1016·6	..	286·8	299·4	14th	272·7	264·2	26th	279·7	+3·7	*279·6*	8	−8
318	Berens River	52 18	97 23	216	..	..	..	283·6	295·2	..	269·8	260·8	..	276·7	..	*276·6*	1	−8
318a	York Factory	57 0	92 28	11	1018·4	1019·8	+0·2	..	..	..	262·9	253·0	5th	..	..	..	8	..
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	1018·1	1019·3	..	279·6	296·3	26th	265·2	248·6	3rd	272·4	+2·0	..	24	−5
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1014·8	..	..	268·1	276·9	24th	256·5	243·0	13th	262·3	..	..	40	−48
326	Point Riche	50 42	57 25	10·7	..	..	..	..	277·4	..	..	268·6	..	271·7	−0·2	..	15	−55
327	Belle Isle	51 53	55 23	133	994·1	1011·0	−3·1	271·4	280·2	18st	266·6	258·6	15th	269·0	−1·7	..	17	..
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1007·9	1009·5	−3·1	283·9	286·3	6th	278·4	274·7	13th	281·2	−0·9	281·3	139	+46
335	Aberdeen	57 10	2 6	27·4	1005·9	1009·2	−3·4	282·1	286·3	30th	276·5	271·9	13th	279·3	−0·3	279·3	71	+17
336	Greenwich	51 28	W 0 0	48·5	1005·4	1011·4	−2·6	286·0	292·4	24th	276·8	271·3	13th	281·4	0·0	281·2	57	..
337	Uccle	50 48	E 4 22	100	999·5	1011·7	−2·4	287·2	299·6	28th	277·5	270·5	14th	282·4	+0·7	282·1	73	+25
338	De Bilt	52 6	5 11	3·0	1011·6	1012·0	−1·7	286·7	298·9	29th	276·8	269·0	13th	281·8	−0·7	281·7	20	−13
338a	Hamburg	53 33	9 59	26·0	1009·4	1012·5	−0·6	285·6	300·6	30th	277·8	270·0	12th	281·7	+1·1	*281·6*	29	−14
339	Copenhagen	55 41	12 36	5·0	1012·0	1012·6	−1·3	283·1	295·2	29th	276·0	268·5	12th	279·6	+0·9	*279·5*	20	−22
340	Potsdam	52 23	13 4	84·9	1001·9	1012·3	−1·9	287·7	302·0	30th	276·6	266·6	12th	282·2	+1·7	281·9	13	−1
340a	Upsala	59 51	17 38	24·0	1009·9	1012·8	−1·2	284·0	298·4	29th	272·3	263·8	14th	278·2	+2·3	278·1	27	+25
341	Warsaw	52 15	21 1	120	..	1011·6	−2·2	..	298	..	..	269	..	281·4	+1·1	*281·3*	61	−11
342	Jurjev	58 23	26 43	74·5	..	1014·2	−0·4	..	293	..	..	269	..	280·1	+4·1	*279·9*	19	..
343	Petrograd	59 56	30 16	4·8	..	1015·4	+0·7	..	292	..	..	270	..	279·5	+4·3	*279·4*	50	+28
344	Kiev	50 27	30 30	182·9	..	1014·7	0·0	..	294	..	..	271	..	283·7	+3·6	*283·4*	50	+8
344a	Moscow	55 45	37 34	156	..	1019·4	+3·2	..	294	..	..	272	..	282·6	+6·0	*282·5*	33	−1
345	Saratov	51 32	46 3	59·9	..	1021·8	+4·7	..	294	..	..	272	..	282·7	+4·2	*282·4*	8	+30
346	Kazan	55 47	49 8	79·8	..	1022·7	+4·7	..	293	..	..	267	..	279·1	+2·8	*279·0*	52	+10
347	Orenburg	51 45	55 6	114·1	..	1025·5	+5·5	..	294	..	..	256	..	277·7	+1·1	*277·4*	13	−9
348	Perm	58 1	56 15	163·0	..	1023·8	+5·4	..	290	..	..	262	..	276·1	+1·3	*275·7*	11	..
349	Ekaterinburg	56 50	60 38	288·9	..	1025·8	+7·7	..	291	..	..	253	..	273·8	−0·7	*273·5*	4	−9
350	Tobolsk	58 12	68 14	108·3	1011·6	1025·5	..	..	290·6	28th	265·7	251·7	8th	271·6	−2·3	*271·2*	3	−15
351	Akmolinsk	51 12	71 23	? 347	984·0	1027·9	+6·0	..	286·6	29th	262·9	245·3	3rd	269·2	−5·6	*268·9*	4	−9
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	3	−8
353	Barnaoul	53 20	83 47	162·2	1005·8	1026·5	+4·7	..	289·7	30th	264·5	245·4	5th	270·7	−3·6	*270·3*	24	+11
354	Tomsk	56 30	84 58	121·6	1007·9	1023·6	+3·7	..	285·7	16th, 30th	263·7	249·9	7th	270·0	−2·7	*269·6*	31	..
355	Minousinsk	53 43	91 41	? 245	993·1	1023·8	..	..	290·7	30th	267·3	258·1	4th	273·0	..	*272·6*	2	−8
356	Eniseisk	58 27	92 11	84·4	1009·0	1019·8	+1·4	..	284·2	30th	262·0	246·2	5th	269·9	−1·5	*269·5*	8	−10
357	Irkutsk	52 16	104 19	467·0	962·8	1020·4	+0·9	..	288·8	30th	265·7	251·9	5th	272·5	−3·2	*272·2*	13	−2
358	Kirensk	57 47	108 7	? 263	983·8	1016·9	..	..	282·7	15th	263·5	252·7	24th	270·3	..	*269·9*	23	..
359	Tchita	52 2	113 30	663·7	933·0	1013·0	..	..	283·8	28th	266·7	257·1	7th, 8th	273·3	..	..	12	+40
360	Blagoveshchensk Priisk	58 10	114 17	? 490	953·2	1014·1	..	..	279·4	28th	259·2	247·9	11th	267·5	..	*267·1*	23	0
360a	Nertchinsk	51 59	116 35	484·3	951·9	1010·5	..	..	285·2	17th	268·1	257·6	7th	274·8	+4·6	*274·5*	12	..
361	Tygan Ourkan	54 5	124 46	? 359	965·0	1009·3	..	277·7	285·5	26th	263·8	253·9	9th	270·8	..	*270·7*	17	..
362	Blagoveshchensk	50 15	127 38	133·6	992·7	1009·2	..	..	291·3	27th	270·0	262·5	9th	275·7	+0·9	*275·4*	36	..
363	Paikanskiĭ Sklad	50 11	130 7	? 145	..	..	..	..	293·0	23rd	266·6	258·3	17th	274·6	..	*274·3*	? 15	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1004·6	1007·3	−4·9	..	284·1	29th	263·8	251·7	18th	270·3	+0·2	*270·0*	27	+5
366	Okhotsk	59 21	143 17	6·0	1005·9	1006·7	−7·6	273·8	277·8	28th	262·5	253·9	13th	268·2	+0·9	*267·8*	16	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	992·4	1003·4	−5·1	273·1	278·8	27th	267·6	262·4	7th	270·4	−2·2	..	55	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

APRIL—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
411	Victoria, B.C.	° ′ N. 48 24	° ′ W. 123 19	metres. 25·9	mb. ..	mb. 1015·9	mb. −0·7	a. 286·6	a. 292·6	17th	a. 278·2	a. 272·3	28th	a. 282·4	a. 0·0	a. 281·9	mm. 16	mm. −30
412	Portland, Oregon	45 32	122 41	46·6	1012·2	1017·6	−0·3	288·0	297·4	20th	279·1	275·2	28th	283·6	−0·1	*283·2*	75	−3
413	Macleod	49 44	113 24	954	..	..	..	287·0	298·3	13th	272·6	264·7	2nd	279·8	+0·9	*280·0*	6	−7
414	Helena	46 34	112 4	1253	872·3	1015·2	+0·3	286·3	297·4	14th	274·1	267·4	3rd	280·2	+1·7	*280·3*	27	−3
414a	Salt Lake City	40 46	111 54	1329	866·2	1013·9	+0·7	289·7	297·4	26th	277·4	271·9	23rd	283·6	+0·5	*283·9*	50	−8
415	Cheyenne	41 8	104 48	1856	812·4	1015·2	+2·4	286·3	295·8	29th	272·4	265·8	10th	279·2	+0·8	*279·2*	34	−13
416	North Platte	41 8	100 45	859	916·3	1015·9	+2·7	291·3	304·7	30th	275·8	267·4	11th	283·6	+1·1	*283·5*	53	−3
416a	Bismarck	46 47	100 38	510·6	956·0	1016·9	+2·0	289·7	304·1	15th	274·7	266·3	26th	281·9	+3·1	*281·7*	14	−33
417	Winnipeg	49 53	97 7	231·6	..	1017·3	0·0	287·2	298·4	21st	274·6	266·0	26th	280·8	+4·2	*280·2*	10	−29
418	Duluth	46 47	92 6	345·1	977·0	1018·9	+2·7	282·4	299·1	15th	273·0	268·0	7th	277·7	+1·1	*277·6*	44	−10
419	Port Arthur	48 27	89 12	196·3	..	1019·3	+1·4	281·3	287·4	30th	270·8	266·3	6th, 20th	276·1	+1·3	*276·1*	19	−28
420	Chicago	41 53	87 37	859	988·5	1018·9	+3·0	286·9	299·7	23rd	278·0	273·0	7th	282·3	+1·6	282·2	49	−25
421	Toronto	43 40	79 24	106·7	..	1017·9	+1·0	285·9	297·8	25th	276·0	270·6	20th	280·9	+1·8	280·7	89	+35
422	New York	40 43	74 0	95·7	1004·7	1016·2	+0·3	287·4	299·1	25th	279·7	273·0	7th	283·6	+1·6	284·2	135	+51
423	St. John, N.B.	45 17	66 4	21·3	..	1015·6	+2·1	281·1	289·3	28th	273·9	265·9	8th	277·5	+0·3	*277·1*	73	−2
424	S. W. Point, Anticosti	49 24	63 35	12·2	..	1012·5	−1·0	276·2	294·7	26th	270·2	263·6	8th	273·2	+0·6	..	59	0
425	Sable Island (Main Station)	43 57	60 6	7·6	..	1015·9	..	279·4	284·1	28th, 30th	274·1	269·7	9th	276·8	..	..	86	−12
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1012·2	−1·0	281·3	295·2	27th	272·9	266·9	5th	277·1	+2·2	..	100	−11
435	Madrid	40 24	3 41	655·4	937·4	1013·4	−1·7	292·5	300·1	20th	276·9	272·9	2nd	284·7	−0·6	284·2	35	−12
436	Nantes	47 15	W 1 34	41·4	1007·6	1012·6	−2·6	286·6	294·2	28th	279·1	272·1	14th	282·9	−1·3	*282·6*	79	+32
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1005·9	1012·0	−2·6	288·1	299·6	29th	278·0	270·3	13th	283·1	−0·3	*282·6*	56	+14
438	Marseilles	43 18	5 23	75·0	1002·2	1011·3	−1·4	289·0	294·7	28th	280·2	271·1	14th	284·6	−1·4	*284·2*	167	+124
438a	Zürich	47 23	8 33	493·2	954·4	1012·9	−1·7	..	297·3	30th	..	268·8	14th	..	−0·5	281·3	64	−32
439	Rome	41 54	12 29	63·4	..	1011·7	−1·7	286·6	298·0	26th	278·6	271·0	12th	282·6	0·0	282·4	36	−15
440	Vienna	48 15	16 22	202·5	987·3	1012·1	−1·2	289·0	300·4	29th	278·1	270·8	13th	283·6	−0·2	*283·3*	60	−1
440a	Buda-Pesth	47 30	19 2	129·6	996·4	1012·1	−1·2	289·0	300·4	29th	278·1	270·8	13th	283·6	−0·2	*283·3*	60	−1
441	Bucharest	45 25	26 6	82	1003·4	1013·4	+0·5	..	298·6	25th	..	271·2	1st	284·2	+0·6	..	25	−26
442																		
443	Odessa (University)	46 29	30 46	65·3	..	1016·0	+1·0	287·3	296·8	30th	279·6	275·2	2nd, 11th	283·5	+1·3	*283·0*	17	−10
444	Kharkov (University)	50 0	36 14	140	..	1019·1	+3·4	..	295	..	..	270	..	284·7	+4·6	*284·4*	9	−31
444a	Novorossiisk	44 40	37 49	37	..	1015·6	+0·5	..	298	..	..	274	..	284·8	+1·1	*284·5*	52	+7
445	Tiflis	41 43	44 48	409	..	1018·2	+2·3	..	295	..	..	273	..	284·2	−0·8	*284·0*	32	−23
446	Astrakhan	46 21	48 2	−14	..	1021·2	+4·4	..	295	..	..	271	..	284·2	+1·7	*284·0*	0	−12
447	Fort Alexandrovsk	44 31	50 16	24	1015·8	1019·7	+3·9	..	294·2	11th	278·8	270·5	6th	283·5	+1·0	*283·3*	6	−8
448	Krasnovodsk	40 0	52 59	−15	..	1018·0	+2·3	..	298	..	..	274	..	287·2	+0·3	*287·0*	..	..
449	Tachkent	41 20	69 18	479·2	961·5	1018·1	+2·2	291·4	299·3	12th	278·2	266·7	2nd	284·8	−3·1	*284·7*	38	−20
450	Tourgay	49 38	63 27	? 130	1009·8	1026·1	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	? 2015	793·8	..	..	..	292·0	28th	270·4	255·2	1st	276·7	..	..	6	..
452	Vernyi	43 16	76 53	824·8	923·6	1020·2	+4·6	285·2	292·6	27th	..	..	..	279·8	−3·9	*279·5*	39	+12
461	Mukden	41 48	123 23	43·8	1009·5	1014·9	+0·4	289·1	297·2	21st	275·7	267·6	8th	282·4	+0·8	282·2	61	−36
462	Joshin	40 40	129 11	4·0	1013·8	1014·3	+0·7	286·7	295·8	4th	276·4	270·9	9th	281·6	+0·9	280·8	46	+16
463	Vladivostok	43 7	131 54	26·8	1011·4	1014·7	−0·4	283·8	292·0	28th	275·4	270·5	14th	279·6	+2·9	*279·0*	27	−2
464																	23	−5
465	Oehiai	47 20	142 44	6·6	1008·9	1009·7	..	280·1	290·8	28th	270·2	265·7	10th	275·2	..	275·3	26	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1010·1	1013·4	−0·6	281·6	288·5	7th	272·3	268·0	3rd	276·9	+1·0	276·5	79	+8

Between Latitude 40° N. and 30° N.

APRIL—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
511	San Francisco	N. 37 48	W. 122 26	47·2	1012·2	1017·9	+0·3	289·7	302·4	24th	282·4	280·2	30th	286·0	+0·9	*285·4*	15	−30
512	San Luis Obispo	35 18	120 39	61·3	1010·8	1018·3	+0·7	291·3	301·9	25th	279·1	273·0	15th	285·3	−0·6	*284·9*	13	−25
513	Modena	37 48	113 54	1670	832·3	1013·9	+2·0	289·1	295·2	27th	271·9	265·8	15th	280·4	−0·9	*280·6*	9	−10
514	San Diego	32 43	117 10	26·5	1013·5	1016·9	+1·4	290·8	300·2	11th	284·1	279·7	15th	287·4	−0·1	287·3	2	−18
515	Santa Fé	35 41	105 57	2138	786·6	1012·8	+2·4	288·0	293·6	16th	274·7	266·3	24th	281·4	−0·2	*281·5*	34	+13
516	Denver	39 45	105 0	1613	836·4	1014·5	+2·0	289·7	299·7	28th	275·2	267·4	10th	282·4	+0·7	282·4	42	−13
517	Abilene	32 23	99 40	529·6	955·3	1016·2	+0·7	298·6	307·4	16th	283·6	274·1	12th	291·0	0·0	*290·9*	40	−18
518	Saint Louis	38 38	90 12	172·8	996·9	1017·6	+2·4	290·8	301·9	17th	281·9	276·3	13th	286·4	0·0	*286·2*	91	0
519	Mobile	30 41	88 2	17·4	1016·9	1018·9	+2·4	296·9	303·6	20th	286·3	278·6	14th	291·7	−0·2	*291·4*	106	−5
520	Nashville	36 10	86 47	166·4	999·3	1019·3	+3·0	293·0	302·4	18th	282·4	276·9	28th	287·8	−0·3	*287·6*	42	−69
521	Charleston	32 47	79 56	14·6	1016·9	1018·6	+1·7	294·1	299·7	4th	285·8	280·8	16th	290·0	−0·7	*289·7*	36	−41
522	Washington	38 54	77 3	34·1	1013·2	1017·3	+0·7	291·3	303·0	23rd	280·8	273·0	8th	286·1	+1·3	*286·2*	149	+66
523	Bermuda	32 17	64 46	46·0	1013·6	1019·1	+0·8	293·4	296·2	30th	286·7	282·9	10th	290·1	−1·0	*290·5*	49	−75
524																		
531	Horta	38 32	28 38	30	..	1024·8	+4·0	289·8	295	25th	285·7	281	7th	287·8	−0·7	..	42	+8
532	Ponta Delgada	37 44	25 40	17	..	1023·6	+4·8	289·3	293	24th, 25th	285·1	281	8th	287·2	−1·1	..	33	−41
533	Madeira (Funchal)	32 37	16 54	25	1015·5	1018·5	+0·5	291·0	293·1	29th	282·1	280·3	8th	286·6	−1·5	..	98	+48
534	Lisbon	38 43	9 9	95·4	1004·5	1016·0	+0·1	289·5	294·4	14th	283·7	280·3	2nd	286·6	−1·6	*285·7*	21	−53
535	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
536	Gibraltar	36 6	5 21	16·2	1013·9	1015·8	+0·3	292·8	296·9	29th	284·6	280·8	4th, 5th	288·7	−0·6	*287·9*	53	−15
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

APRIL—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1006·6	1011·2	−3·5	292·4	299·3	22nd	285·0	280·3	15th	288·7	−1·2	*288·1*	44	−9
538	Palma	39 33	2 42	..	..	1013·4	−1·5	290·5	294	18th	283·5	279	14th	287·0	−0·5	..	16	−24
538a	Tunis	36 48	10 10	43	1011·5	1016·6	+3·2	293·5	299·2	22nd	282·4	277·2	16th	288·0	−0·9	..	23	−18
539	Malta	35 54	14 31	59	..	1014·3	+0·9	291·2	297	9th, 27th	286·1	283	15th, 17th	288·6	−0·2	..	28	+5
540	Catania	37 30	15 3	64·9	..	1013·5	−0·3	291·7	296·8	28th	283·9	278·9	16th	287·8	0·0	..	33	−5
541	Athens	37 58	23 43	107·1	..	1013·5	−0·1	292·7	298	4th	283·8	279	4th	288·2	−0·2	*288·0*	1	−20
542	Alexandria	31 9	29 54	32·0	..	1013·9	−0·4	296·7	307	15th	288·3	286	3rd	292·5	+0·5	*291·8*	0	−4
543	Cairo (Helwan)	29 52	31 20	115·6	..	1013·0	−1·2	302·0	312	15th	287·2	283	6th	294·6	+0·5	..	0	−4
544	Nicosia	35 12	33 24	22·1	..	1011·1	−2·7	296·9	305	29th	282·3	277	10th	289·6	+0·5	*290·0*	6	−16
544a	Beirut	33 54	35 28	52·4	..	1013·1	+0·4	294·7	301	30th	287·9	285	3rd	291·3	−0·3	..	45	−7
545	Baghdad	33 21	44 28	38·7	1007·1	1011·7	−2·7	302·1	307·7	18th	287·9	284·0	3rd	295·0	+1·3	..	3	−17
546	Lenkoran	38 46	48 52	−19	1020·4	1018·1	+3·0	..	291·2	11th	281·3	275·8	2nd	284·4	−1·6	*284·2*	14	−49
547	Busrah	30 31	47 53	7·6	1010·7	1011·8	−1·7	302·4	307·7	30th	292·6	288·8	11th	297·5	+0·9	..	1	−11
548	Meshed	36 16	59 35	946	906·5	1014·6	..	289·9	299·3	14th	278·5	274·2	1, 2, 22	284·2	−3·0	..	43	−1
549	Quetta	30 11	67 3	1677	832·3	..	−0·4	297·4	301·1	21st	280·8	276·2	23rd	289·1	+0·4	*289·4*	3	−23
550																		
551	Lahore	31 34	74 20	214	982·0	1006·3	−1·0	309·4	312·9	18th	292·1	287·0	14th	300·8	+0·4	*300·6*	1	−12
551a	Simla	31 7	77 8	2204·8	780·9	..	+0·1	292·3	295·4	19th	284·7	280·4	19th	288·5	+0·6	*288·8*	19	−25
552	Leh	34 10	77 42	3503	665·8	..	−1·3	285·3	288·5	23rd	272·1	268·8	7th	278·7	−0·9	*278·1*	27	+21
552a	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	2	−10
559	Hang Kow	30 35	114 17	37·0	1010·2	1014·6	−1·2	291·3	299·8	6th	284·9	275·9	8th	288·1	−1·5	*287·7*	395	+274
560	Tiensin	39 10	117 10	5·0	1014·5	1015·1	−0·5	292·4	300·5	29th	281·7	275·0	8th	287·1	+0·5	..	28	+13
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1013·9	−1·0	291·2	301·3	24th	282·3	275·2	18th	286·7	−0·9	285·6	144	+59
562	Jinsen (Chemulpo)	37 29	126 32	67·6	1007·5	1015·8	+0·9	288·6	297·5	21st	279·1	277·0	9th	283·9	+0·7	283·1	131	+73
562a	Nagasaki	32 44	129 52	133·0	998·5	1014·4	−1·0	292·7	297·6	25th	285·0	281·1	18th	288·8	+1·0	288·4	233	+8
563	Kioto	35 1	135 44	42·9	1011·1	1016·3	+0·3	293·8	300·8	25th	279·6	270·8	10th	286·7	+1·5	286·8	144	−35
564	Tokio	35 41	139 45	21·3	1013·6	1016·2	+0·6	291·8	297·2	21st	282·0	275·1	9th	286·9	+1·3	286·7	68	−61
565	Miyako	39 38	141 59	30·4	1011·8	1015·5	0·0	289·9	299·7	6th	277·1	269·8	19th	283·5	+1·6	282·8	23	+13
566		N.	E.															

APRIL—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1018·1	1019·3	+1·1	298·5	299·7	8th	292·8	290·2	12th	295·7	0·0	..	49	−11
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1798·6	821·5	..	−1·5	300·2	303·4	4th	284·1	281·1	15th	292·2	+2·2	..	0	−7
617	Galveston	29 18	94 50	16·5	1016·9	1018·9	+4·1	295·2	298·6	20th	289·7	282·4	12th	292·6	−0·8	*292·4*	62	−15
618	New Orleans	29 58	90 4	15·5	1016·9	1018·9	+3·0	297·4	303·0	20th	288·0	282·4	14th	292·7	−0·2	*292·4*	124	[illegible]
619	Havana	23 8	82 22	24·3	..	1017·5	+1·3	299·4	301·9	10th	293·6	290·4	17th, 18th	296·5	−0·6	*296·5*	22	−42
620	Key West	24 33	81 48	6·7	1016·9	1017·6	+1·0	299·7	301·9	4th	294·1	290·2	18th	297·0	−0·2	*296·9*	14	−18
621	Nassau, Bahamas	25 5	77 21	7·6	..	1018·0	+1·8	299·1	301·6	5th, 6th	293·7	291·3	15th	296·4	−0·1	..	46	−30
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
634	Las Palmas, Canary Islands	28 7	W 15 26	7	1017·5	1018·3	+0·5	294·9	299·4	12th	287·9	284·0	7th	291·4	−0·3	..	1	−7
637	Insalah	27 17	E 2 27	330	..	..	..	306·5	310·5	23rd	287·3	282·5	2nd	296·9	−0·6	*296·8*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1013·2	−2·1	311·7	320	14th	291·1	283	7th	301·4	+3·5	*303·0*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1011·1	−1·2	310·4	318	20th	291·0	283	7th	300·7	+1·3	*301·5*	..	−3
643	Suez	29 57	32 32	3·4	..	1013·4	0·0	302·7	312	29th	287·0	283	18th	294·8	+0·6	..	0	..
644	Aswan	24 2	32 53	99·6	..	1011·5	−1·3	309·9	317	20th	290·7	286	26th	300·3	+0·3	*300·9*	..	[illegible]
647	Bushire	28 59	50 53	4	1010·1	1010·7	−0·7	300·6	305·9	3rd	293·0	288·3	7th	296·8	+0·4	..	1	−12
648	Jask	25 44	57 47	4	1008·1	1008·5	−2·3	303·8	305·9	4th	295·8	292·9	10th	299·8	0·0	..	0	−2
649	Kurrachee	24 53	66 57	4	1007·9	1008·4	−0·8	302·4	305·2	4th	296·8	294·1	2nd, 7th	299·6	+0·1	*298·9*	0	−4
650	Hyderabad, Sind	25 24	68 18	29	1003·6	1007·0	−1·1	312·9	316·1	27th	295·3	292·2	1st	304·1	+0·3	..	0	−1
651	Jaipur	26 56	75 52	436	958·8	1006·4	−1·3	312·5	315·1	29th	294·8	289·4	1st	303·7	+0·4	*303·6*	0	−5
652	Nagpur	21 8	79 5	310	972·9	1006·6	−0·8	315·1	317·2	28th	299·0	292·1	3rd	307·1	+1·3	*306·9*	0	−14
653	Allahabad	25 25	81 51	94	995·3	1005·7	−1·4	314·0	317·5	28th	295·4	288·6	1st	304·7	+0·6	*304·4*	0	−4
654	Calcutta	22 36	88 23	6	1005·6	1006·4	−1·7	309·2	314·4	25th	298·4	294·6	5th	303·8	+1·1	*303·4*	38	−8
655	Gauhati	26 8	91 41	59	1000·8	1007·6	..	303·2	307·9	17th	293·2	289·2	1st	298·2	..	..	143	−20
655a	Cherrapunji	25 15	91 42	1314	870·4	..	..	295·2	297·3	9 dates	287·6	281·9	25th	291·4	..	..	1322	+479
656	Shillong	25 33	91 48	1500	847·4	..	..	297·4	300·7	25th	288·3	283·7	9th	292·8	..	..	37	−70
656a	Akyab	20 11	92 56	6	1009·5	1010·1	−0·3	306·4	307·4	5 dates	297·2	294·7	7th	301·8	−0·1	*301·5*	0	−43
657	Phu Lien	20 48	106 37	115·6	995·9	1009·4	−1·4	297·6	303·0	29th	293·1	287·1	10th	295·4	−0·7	*294·6*	113	+35
658	Moncay	21 31	107 51	9	1008·8	1009·8	−1·2	297·8	304·1	26th	292·3	283·3	10th	295·0	−0·9	*294·2*	122	+14
659																		
660	Hong Kong	22 18	114 10	33·2	1008·0	1011·8	−0·9	297·3	301·7	27th	292·8	287·9	10th	295·1	+0·5	294·8	55	−55
661	Taihoku, Formosa	25 2	121 31	9·3	1012·0	1013·1	−0·8	299·1	305·0	25th	291·4	287·2	17th	295·3	+1·1	294·7	99	−29
662	Naha	26 13	127 41	10·5	1012·2	1013·4	−1·2	299·0	303·4	26th	292·3	287·1	19th	295·7	+1·6	295·5	113	−51
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

APRIL—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	808·8	..	..	298·4	302·6	4th	282·9	280·2	15th	290·7	..	*290·1*	5	..
717	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	19 26	99 8	2280	779·6	..	+0·1	296·4	301·5	24th	282·0	277·6	12th	289·2	−1·8	289·0	32	+13
718a	Oaxaca	17 4	96 44	1563	846·5	..	..	301·9	307·3	3rd	285·4	283·3	13th	293·7	..	*293·1*	35	..
719	Belize	19 29	88 12	1·9	1018·0	1018·2	+3·7	302·1	304·7	1st	297·1	293·0	14th	299·6	−1·2	*298·4*	210	+145
720	San Salvador	13 44	89 9	657	939·1	1012·5	+2·0	..	308·5	4th	..	287·6	..	297·2	+0·5	..	98	+58
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·3	+0·7	302·1	303·9	29th	294·4	292·4	8th	298·3	−0·1	*298·2*	65	−12
722	Port au Prince	18 34	72 22	37·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	1013·1	1013·8	..	300·9	302·8	29th	295·6	294·1	15th	298·3	..	..	123	..
724	Grenada (Richmond Hill)	12 3	61 45	155·1	994·7	1012·5	−0·2	302·0	304·1	13th	295·7	294·1	13th	298·8	−0·3	*298·4*	27	−35
725	Barbados	13 8	59 36	55·2	..	1011·9	+0·1	301·8	302·8	19th, 30th	293·9	290·9	12th	297·9	−1·4	*297·8*	42	−1
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·5	1014·8	+0·4	296·7	298·0	9th	292·6	292·0	1, 9, 21	294·7	−0·2	..	0	−1
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·1	1015·1	..	298·9	302·9	4th	293·5	292·4	3rd	296·2	+0·1	..	0	−1
733	Bathurst	13 24	16 36	1·5	1012·8	1013·0	+0·4	304·4	313·0	20th	292·2	289·7	14th	298·3	+1·0	*299·1*	0	0
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	315·7	317·4	21, 25, 28	293·1	292·4	9, 18, 29	304·4	+0·1	..	0	0
735	Ségou	13 34	6 17	? 272	..	..	..	..	..	..	296·2	291·0	20th, 21st	..	..	..	0	..
736	Timbouctoo	16 43	W 2 52	250	979·1	1006·8	−2·3	315·0	321·3	11th	294·6	288·5	19th	304·8	−0·6	*304·7*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	315·3	318·0	2, 6, 11	297·4	291·9	25th	306·3	+0·6	..	0	−5
738	Kontagora	10 24	5 24	400	..	..	..	311·3	314·1	8th	296·9	291·9	24th	304·1	+0·7	..	46	−2
739	Maiduguri	11 48	13 12	370	..	..	..	315·7	319·1	5th, 11th	296·3	290·8	1st, 9th	306·0	−0·2	..	28	+19
740	Katagum	12 17	10 22	30·7	..	..	..	315·0	319·1	11th	295·3	289·7	2nd	305·2	+0·1	..	56	+46
742	Kadugli	11 2	29 45	503	..	..	..	313·1	317·0	26th	294·5	289·5	8th	303·8	..	..	5	..
743	El Obeid	13 11	30 14	585	..	1009·4	−0·9	311·4	314	18th	292·5	286	8th	302·0	+0·4	*302·7*	2	0
744	Khartoum	15 37	32 33	390	..	1007·5	−0·5	312·9	316	29th	295·8	289	7th	304·4	+1·2	*305·2*	0	0
746	Aden	12 45	45 3	28·7	1009·9	1011·1	−0·3	303·2	308·3	24th	298·3	296·6	7th	300·7	−0·7	*299·7*	0	−7
751	Bombay	18 54	72 49	11·3	1008·8	1010·0	−0·6	304·6	305·8	14, 29, 30	297·9	294·9	1st	301·3	−0·1	*300·7*	0	−2
752	Mysore	12 18	76 40	768	926·0	1009·4	−0·2	308·1	309·9	1st	294·5	292·4	3rd	301·3	+0·4	*300·6*	35	−32
752a	Kodaikanal	10 13	77 28	2343	771·4	..	−0·5	295·0	296·3	11th, 15th	285·2	283·8	10th	290·1	+0·7	*289·1*	81	−28
753	Madras	13 4	80 14	6·7	1008·6	1009·3	−0·9	307·6	310·2	8th	299·1	296·1	12th	303·4	+0·8	302·7	1	−15
754	Waltair	17 45	83 16	68·9	1001·4	1009·1	−0·5	305·1	306·9	12th	298·8	296·0	18th	302·0	..	*301·4*	11	−11
755	Port Blair	11 40	92 40	17·7	1008·5	1010·6	−0·1	306·3	307·6	4 dates	298·9	297·2	7th	302·6	−0·2	*302·0*	3	−71
756	Rangoon	16 46	95 48	5·5	1009·7	1010·4	−0·3	309·8	312·7	30th	296·7	294·9	4th	303·3	−0·5	*302·0*	0	−40
757	Saigon	10 46	106 42	11·2	1007·1	1008·3	−0·5	307·7	310·6	27th	297·8	295·9	17th	302·8	−0·4	..	7	−60
758	Nhatrang	12 16	109 12	6·8	1009·1	1009·8	−0·2	304·6	306·4	21st	295·8	294·3	17th	300·2	−0·6	..	1	−29
759	Bolinao	16 24	119 53	9·7	..	1009·2	−0·8	306·9	309·1	23rd	296·9	295·6	20th	301·9	−0·3	301·4	39	−6
760	Vigan	17 34	120 23	14·7	..	1009·4	+0·4	306·4	307·9	27th	297·4	294·5	3rd	301·9	−0·2	301·1	1	−32
761	Manila	14 35	120 59	14·2	..	1009·7	−0·4	306·9	308·2	10th, 14th	294·8	290·2	2nd	300·9	−1·0	300·1	130	+96
762	Ormoc	11 0	124 36	5·6	..	1009·2	−0·5	304·6	307·1	22nd	295·2	292·8	9th	299·9	+0·5	299·7	62	−4
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1009·7	..	303·8	304·8	8th	297·8	296·0	11th	300·8	+0·5	..	18	..
		N.	E.															

APRIL—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
819	Culebra	9 10	79 40	123·1	..	1011·0	+0·1	305·2	308·0	14th	294·1	291·3	20th	299·7	+0·3	..	18	−75
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	El Peru, Guayanavieja	7 30	62 0	? 300	985·6	1020·0	..	302·8	304·7	24th	294·2	292·4	6th	298·5	..	..	18	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1015·7	1015·9	+3·4	302·4	304·0	28th	297·3	295·3	5th	299·9	+0·2	..	53	−130
826	Paramaribo	5 49	55 9	4	1012·7	1013·1	..	302·6	304·2	17th	296·0	293·2	12th	299·3	..	*298·5*	31	−197
826a	Cayenne	4 56	52 21	6	..	..	..	302·9	304·6	24th	297·1	294·6	10th	300·0	+0·7	*300·7*	375	−104
833	Conakry	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	1	−25
834	Sierra Leone	8 30	13 9	68·3	1001·7	1009·5	−1·4	306·4	307·4	4, 11, 30	297·3	294·7	9th	301·9	+0·5	..	3	−104
835	Cape Coast Castle	5 5	1 13	..	..	..	..	303·8	..	..	296·1	..	..	300·0	−0·5	..	199	+114
836	Accra	5 35	W 0 6	18	..	..	..	304·2	..	..	298·4	..	..	301·3	+1·0	..	62	−43
837	Lagos	6 22	E 3 28	7·6	..	1009·5	−0·3	304·5	306·3	..	297·8	295·2	..	301·2	+0·2	..	75	−77
838	Zungeru	9 48	6 10	130	..	1008·7	−1·1	310·3	314·1	1st	297·3	292·4	30th	303·8	+0·1	..	114	+59
838a	Libreville	0 23	9 26	35	..	..	..	305·2	307·2	6th	293·7	291·0	23rd	299·5	−0·4	..	279	−50
839	Yola	9 12	12 30	259	..	..	..	312·1	315·2	1, 2, 5	298·8	296·9	19, 26, 29	305·5	+0·8	..	67	+15
841	Kafia Kingi	9 22	24 18	596	944·6	..	..	..	..	..	295·5	291·5	8th	..	..	..	13	..
842	Wau	7 42	28 3	440	..	1008·8	+0·1	309·6	313	11th	295·8	293	3, 28, 29	302·7	+0·1	..	114	+70
843	Entebbe	0 5	32 29	1171	882·6	..	−0·4	298·6	299·9	12th	290·7	289·1	29th	294·7	+0·3	*293·9*	323	+66
844	Nandi	0 2	35 5	2010	..	..	..	297·0	298·6	13th	282·9	281·3	27th	290·0	−0·5	..	148	−86
845	Harrar	9 42	42 30	1856	..	..	..	298·0	300·0	sev. dates	287·7	287·0	sev. dates	292·9	..	..	82	..
851	Cothin	10 0	76 21	2·7	1009·9	1010·1	−0·3	306·3	307·3	21st, 24th	299·3	296·7	24th	302·8	+0·4	*302·2*	45	−87
852	Colombo Observatory	6 54	79 53	7·3	1007·8	1008·6	−0·4	304·1	305·0	5th	296·8	295·8	10th	300·5	−1·0	*299·9*	310	+98
853	Candy	7 18	80 40	504·5	..	..	..	305·0	308·3	10th	294·1	292·6	4th	299·6	+1·0	..	233	+55
855	Medan	3 35	98 41	23·5	..	1009·0	−1·0	..	..	..	..	..	..	..	..	..	260	+127
856	Kota Radja	5 32	95 20	7·1	..	1010·2	−0·3	..	..	..	..	..	..	..	..	..	146	+45
857	Penang	5 34	100 20	5·0	1007·1	1007·7	−1·4	305·1	306·9	30th	296·8	295·8	3rd	301·0	−0·2	..	86	−92
858	Singapore	1 17	103 51	2·2	1008·9	1009·1	−0·2	304·6	306·6	28th	295·8	295·2	5th	300·2	−0·5	..	279	+78
860	Sandakan	5 49	118 12	..	..	..	..	304·1	305·2	15th	296·5	296·3	sev. dates	300·3	−0·6	..	108	−2
861	Tagbilaran	9 38	123 51	26·2	..	1009·0	−0·4	305·1	306·8	22nd	295·6	293·5	2nd	300·4	−0·6	299·5	35	−160
862	Surigao	9 48	125 29	6	..	1009·0	−0·6	302·8	?304·5	16th	296·1	..	..	299·5	−0·4	299·1	452	+180
863	Yap	9 29	138 8	31·9	..	1007·9	..	304·5	306·6	8th	297·3	296·0	10th	300·9	..	..	228	..
869	Uyelang	9 42	161 2	<10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

APRIL—ZONE 9. Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1010·2	1011·3	+2·3	306·1	308·0	14th	297·7	296·3	20, 23, 28	301·9	+0·4	*301·2*	47	− 46
906																		
923	Manaos	3 8	59 59	44·9	1003·8	1008·9	+0·8	..	306·8	..	..	296·0	..	300·1	−0·8	..	231	+ 42
929	Quixeramobim	5 16	39 15	207·0	988·1	1011·7	+0·6	..	304·6	..	..	295·0	..	299·2	−0·7	*299·1*	138	..
930	Fernando Noronha	3 51	W32 25	95	998·9	1009·9	−0·3	..	301·8	..	..	294·4	..	298·8	..	..	304	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	307·1	309·3	23rd, 27th	292·5	291·1	29th	299·8	−0·8	..	281	+ 27
940	Loango	4 38	11 50	? 50	..	..	..	304·5	305·5	sev. dates	295·7	294·0	23rd, 28th	300·1	..	*299·6*	167	..
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
944	Nairobi	1 18	36 59	1660	..	..	..	295·6	298·3	12th	286·4	284·1	21st	291·0	−0·7	..	98	− 119
944*a*	Zanzibar	6 10	39 11	21·9	1011·3	1013·7	0·0	301·3	304·1	6th	297·4	295·8	24th	299·3	−0·9	*298·8*	447	+ 95
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	304·9	305·8	22nd	298·8	296·3	27th	301·9	..	..	248	− 21
947	Seychelles	4 37	55 27	4·6	..	1010·7	0·0	302·8	304·2	..	298·9	297·8	..	300·9	+0·8	..	126	− 91
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1009·9	−1·1	303·6	305·3	9th	296·4	295·0	27th	300·0	..	299·3	321	− 38
957	Batavia	6 11	106 50	8	1008·2	1009·1	−0·2	303·2	305·4	9th	296·6	295·6	11th	299·9	+0·1	299·5	245	+ 115
958	Pontianak	0 1	109 20	2·6	..	1009·7	+0·6	303·7	306·0	12th	296·5	295·0	12th	300·1	..	299·1	535	+ 257
959	Passerocan	7 38	112 55	5·0	..	1009·0	−0·5	..	..	..	..	..	..	..	..	..	62	− 64
960	Kajoemas	7 56	114 9	950	..	..	..	296·5	298·0	30th	290·7	288·9	9th	293·6	..	293·0	140	− 75
961	Koepang	10 10	123 34	3·3	..	1009·6	+1·3	304·8	306·7	29th	294·7	290·2	7th	299·8	..	299·3	67	+ 7
962	Ambon	3 42	128 10	4·2	..	1009·1	+0·6	302·2	304·0	19th	296·3	294·6	17th	299·3	−0·2	298·5	512	+ 244
965	Daru	9 4	143 13	8	..	..	..	302·9	..	..	297·2	..	..	300·1	0·0	..	294	− 40
966	Port Moresby	9 29	147 9	39	..	1009·0	−1·0	303·0	..	..	297·5	..	..	300·3	−0·4	..	96	+ 13
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	363	+ 16
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1007·6	1007·9	−0·3	304·8	307·4	9th	297·4	295·8	11th	301·1	+0·6	..	209	+ 12
970	Ocean Island	0 52	169 36	25·6	1004·1	1007·1	−1·2	303·9	304·7	26, 27, 28	297·2	295·8	13th	300·6	−0·2	*299·9*	33	− 202
		S.	E.															

APRIL—ZONE 10. Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.															
1001																		
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	1009·5	1013·7	−1·2	303·2	305·2	1, 9, 18	294·8	292·4	23rd, 24th	299·0	−0·1	..	126	− 42
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1005·2	1010·6	−0·5	303·0	305·2	5th, 25th	296·0	293·6	22nd	299·5	..	..	396	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	1011·9	1013·1	+0·4	298·5	303·0	15th, 21st	287·4	284·0	26th	293·0	+0·7	*293·3*	0	..
1022	Arequipa	16 22	71 33	2451	761·6	..	−0·5	292·6	296·3	30th	281·3	277·4	22nd	287·0	−0·4	*287·0*	12	− 38
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	726·4	..	..	295·4	300	27th	281·7	279	24, 25, 30	288·6	−1	..	13	− 10
1025																		
1026	Cuyaba	15 36	56 0	235	990·8	1017·6	−0·7	303·6	305·8	..	297·4	295·4	..	300·5	+0·7	..	98	+ 10
1027	Bello Horizonte	19 55	43 56	857·0	919·2	1014·7	..	301·0	303·4	2nd	287·7	284·2	30th	294·4	..	..	108	..
1028	Cætite	14 2	42 37	900	912·5	1012·0	..	..	306·2	..	..	288·6	..	296·0	..	..	136	..
1029	Ondina	13 12	38 30	46·6	1008·3	1013·7	..	..	307·2	..	..	294·7	..	299·4	..	..	104	..
1030	Aracaju	10 55	37 4	4·3	1011·9	1012·4	..	..	304·7	..	..	297·0	..	300·5	..	..	48	..
1035	St. Helena	15 57	W 5 40	632	944·1	1015·2	−2·8	295·8	299·1	16th	288·8	285·8	3rd	292·3	+0·8	*292·1*	123	+ 19
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	859·7	..	−0·6	297·4	301·9	..	286·2	283·1	..	291·8	+0·6	..	55	+ 35
1043	Salisbury, Rhodesia	17 49	31 3	1487	858·2	..	+1·0	297·6	300·6	..	285·7	280·8	..	291·7	−0·2	..	35	+ 14
1044	Zomba	15 23	35 18	954	907·6	1013·8	−0·2	299·1	300·2	21st	288·0	287·4	26, 28, 30	293·6	−0·1	*292·4*	119	+ 95
1045	Tamatave	18 9	49 26	4	1016·9	1017·3	+3·1	303·3	305·3	5th, 6th	295·4	294·4	15th	299·4	+0·9	..	403	− 35
1046	Tananarivo	18 55	47 32	1400	866·8	..	+1·8	297·1	301·2	10th	286·2	283·3	29th	291·7	−1·8	290·5	19	..
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1011·1	+0·6	301·3	303·0	24th	297·7	295·8	11th	299·5	−1·2	..	220	− 35
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1007·2	1007·8	−0·4	303·1	304·7	..	297·2	296·1	..	300·1	−0·6	..	317	+ 108
1058																		
1061	Derby	17 18	123 40	16·2	..	1011·7	+1·0	307·9	310·5	22nd	296·3	292·7	7th	302·1	+0·3	..	42	− 1
1062	Hall's Creek	18 13	127 46	373·6	..	1012·8	+0·7	306·4	308·8	19th	289·4	285·2	26th	297·9	−0·6	..	0	− 25
1063	Port Darwin	12 28	130 51	29·6	..	1009·6	+0·8	306·3	308·0	30th	297·2	295·2	6th	301·7	−0·4	*300·6*	6	− 104
1064	Daly Waters	16 16	133 23	210·6	..	1009·6	..	307·4	309·7	12th, 13th	295·7	293·6	2nd, 5th	301·6	+1·7	*301·1*	0	− 25
1065	Mein	13 13	142 57	121·9	..	1008·6	..	303·0	305·3	13th	294·3	291·1	25th	298·7	..	..	66	− 207
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	304·1	305·8	26th	291·4	285·8	25th	297·8	..	..	12	− 29
1067	Samarai	10 37	150 40	6·4	..	1007·4	−2·2	..	..	..	296·9	..	..	..	..	..	323	+ 54
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1011·8	−0·2	301·9	304·7	3, 4, 5	296·1	294·1	30th	299·0	0·0	..	219	− 58
		S.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S. APRIL—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	300·3	303·0	9th	294·9	292·4	25th, 26th	297·6	..	..	171	− 25
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1014·7	1018·2	..	297·9	300·0	15th	290·9	286·5	29th	294·4	..	*294·3*	75	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1012·3	1015·3	−0·2	291·1	293·8	2nd	286·2	284·2	30th	288·7	+0·9	*288·4*	0	0
1122	Puerto de Antofagasta	23 39	70 25	5	1014·8	1015·4	+1·6	298·9	299·7	1st	287·1	285·8	30th	293·0	+0·6	*292·6*	0	0
1125	Goya	29 9	59 15	64	1007·9	1015·5	−1·6	299·8	305·5	8th	290·6	283·5	17th	295·2	+1·5	*294·4*	191	+ 80
1126	Porto Alegre	30 2	51 13	15	1014·3	1016·1	..	299·5	306·6	9th	288·9	277·9	18th	294·2	..	..	87	+ 19
1127	Curityba	25 26	49 16	908	914·0	1015·8	−1·7	297·4	302·3	..	285·6	279·0	..	291·5	+1·3	*291·1*	148	− 34
1128	Rio de Janeiro	22 54	W43 10	64	1007·4	1014·9	−0·3	299·8	305·4	..	294·6	291·7	..	297·2	−0·8	*296·8*	48	− 63
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141	Johannesburg	26 11	28 4	1874	..	..	..	293·5	296·8	24th	283·8	279·2	19th	288·7	+0·8	*288·4*	57	+ 20
1142	Kimberley	28 42	28 47	1202	883·8	..	−0·6	297·8	301·8	3rd	284·8	278·6	7th	291·3	+0·4	290·4	51	+ 15
1420	Pretoria	28 42	28 47	1202	871·3	..	0·0	297·6	301·7	5th	283·7	279·3	25th	290·7	+0·2	..	58	+ 16
1143	Durban	29 51	31 0	14·3	1015·7	1017·4	−2·1	296·1	301·9	3rd, 18th	291·9	289·7	9, 22, 30	294·0	−1·2	..	57	− 30
1144	Lorenzo Marques	25 58	32 36	59	..	1016·7	−0·3	301·4	305·2	4th	292·7	290·4	25th	297·1	+0·5	296·5	77	+ 38
1147	Mauritius	20 6	57 33	54·3	1009·2	1015·5	+1·8	300·2	302·3	22nd	293·6	290·1	28th	296·9	−0·6	296·5	118	..
1148																		
1159	Onslow	21 43	114 57	4·3	..	1011·8	0·0	306·0	310·2	23rd	293·2	288·8	11th	299·6	−0·1	..	18	− 9
1160	Peak Hill	25 38	118 47	588·3	..	1012·8	−0·6	303·7	308·2	23rd	291·6	286·3	11th	297·7	+1·6	..	62	+ 28
1161	Nullagine	25 38	120 5	385·6	..	1012·6	0·0	307·8	310·2	15th	290·4	284·7	5th, 6th	299·1	+0·8	..	1	− 29
1162	Laverton	28 40	122 23	466·3	..	1015·1	−0·2	301·4	305·2	14th	285·7	280·2	30th	293·6	+0·5	*293·8*	0	− 24
1163	Alice Springs	23 38	133 37	587·0	..	1017·4	+0·1	301·1	308·3	17th	288·8	281·3	26th	294·9	+1·3	..	41	+ 13
1164	William Creek	28 55	136 21	76·2	..	1018·0	..	301·4	306·3	14th	286·2	280·8	30th	293·8	..	*293·8*	0	− 12
1165	Boulia	22 55	139 38	145·7	..	1013·2	..	305·0	308·8	14th	290·6	287·6	7th	297·8	..	..	0	− 19
1166	Mitchell	26 32	147 52	337·1	..	1015·9	..	299·2	303·1	26th	285·3	277·4	29th	292·3	..	..	60	+ 20
1167	Rockhampton	23 24	150 30	11·3	..	1014·3	..	301·8	305·4	9th	291·7	289·6	22nd	296·8	..	..	34	− 32
1168	Brisbane	27 28	153 2	41·7	..	1016·2	−1·3	299·4	304·1	6th	290·5	287·7	22nd	295·0	+0·8	..	161	+ 66
1169	Noumea	22 16	166 27	9	1009·8	1010·8	..	302·9	306·0	6th	295·7	293·2	20th	299·3	+2·0	..	64	− 75
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		S.	E.															

Between Latitude 30° S. and 40° S. APRIL—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.															
1219																		
1220	Juan Fernandez	33 37	78 50	10	1016·3	1017·5	−1·5	292·9	295·7	23rd	287·6	285·0	13th	290·3	0·0	..	153	+ 68
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1010·7	1015·5	−0·3	293·1	298·5	2nd	285·2	283·3	11th	289·2	−0·5	*288·1*	2	− 4
1222	Santiago	33 27	70 42	520	955·4	1016·2	+0·6	296·3	303·2	4th	280·2	274·0	16th	288·3	+0·3	286·6	4	− 11
1223	Cordoba	31 25	64 12	439	962·9	1013·3	−4·2	299·3	305·5	5th	286·2	278·7	16th	292·8	+2·7	292·2	87	+ 45
1224	Buenos Ayres	34 16	64 11	25·2	1010·4	1013·4	−3·0	296·2	301·7	7th	286·6	278·4	16th	291·4	+1·6	*291·4*	134	+ 55
1225	Rio Grande	32 2	52 6	2·3	1014·0	1014·3	−1·5	296·7	302·7	8th	290·8	282·5	30th	293·8	+1·2	..	16	− 70
1226	Montevideo	34 55	W56 13	29·3	..	1012·7	−2·7	..	299·9	7th	..	283·0	17th	..	+2·3	292·0	79	− 4
1239	Cape Town	33 56	E18 29	12	1014·4	1015·8	−0·5	294·8	304·2	13th	284·0	279·2	4th	289·4	−0·9	*287·6*	60	+ 9
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	27	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	298·8	308·6	16th	282·5	276·3	10th	290·7	+2·3	..	47	+ 6
1242	East London	33 2	27 55	10·1	1014·2	1015·4	−1·5	295·2	301·3	20th	288·1	283·0	21st	291·7	−0·3	..	11	− 48
1259	Perth (Observatory)	31 57	115 51	60·0	..	1017·8	−0·6	296·8	304·9	2nd	287·1	280·4	25th	292·0	−0·1	..	52	+ 11
1260	Katanning	33 42	117 35	309·7	..	1017·6	−0·8	294·2	302·8	4th	284·2	278·4	26th	289·2	+0·1	..	162	+ 140
1261	Coolgardie	30 57	121 10	423·3	..	1017·6	−0·5	298·1	308·0	4th	286·0	279·1	25th	292·1	+0·6	..	72	+ 55
1262	Eucla	31 45	128 58	4·6	..	1018·2	−0·6	296·8	311·2	8th	287·2	280·5	27th	292·0	+0·1	..	2	− 29
1263	Streaky Bay	32 48	134 13	13·1	..	1020·4	+1·0	298·7	307·8	9th	285·8	281·3	3rd	292·3	+1·5	..	16	− 14
1264	Adelaide	34 56	138 35	42·7	..	1020·6	+0·8	297·7	305·9	9th	286·6	281·5	18th	292·2	+1·5	*291·9*	20	− 27
1265	Melbourne	37 49	144 57	35·1	..	1021·0	+1·6	293·9	301·6	12th	284·3	280·3	25th, 29th	289·1	+0·7	*288·8*	34	− 26
1266	Bourke	30 13	145 58	110·1	..	1020·3	+1·2	301·1	308·0	15th	286·4	280·6	28th	293·7	+0·2	..	19	− 14
1268	Sydney	33 51	151 13	44·5	..	1020·6	+2·3	294·7	301·5	13th	288·2	284·3	25th, 29th	291·5	+0·4	..	233	+ 99
1271	Lord Howe Island	31 32	159 4	..	..	..	..	296·6	298·1	13th	291·1	286·3	13th	293·9	..	..	156	+ 1
1272	Auckland	36 50	174 50	38·1	..	..	..	291·4	294·7	twice	283·6	278·3	21st	287·5	−1·8	..	38	− 39
		S.	E.															

Between Latitude 40° S. and 50° S. APRIL—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.															
1301	Chatham Island	43 52	170 42	103·6	..	1018·7	+7·5	286·2	291·3	14th	281·0	276·9	twice	283·6	−1·2	..	96	+ 30
1302																		
1321	Punta Corona	41 51	73 50	25	1004·0	1007·0	−8·4	286·3	289·5	4th	281·4	278·1	27th	283·9	−0·5	*284·2*	298	+ 104
1322	Punta Galera	40 1	73 44	40	1009·8	1014·6	−0·8	287·4	288·5	9th	282·9	281·0	13th	285·2	+0·3	*285·4*	380	+ 144
1323	Bahia Blanca	38 45	W62 12	20	1009·8	1012·2	−0·4	296·9	304·5	6th	285·8	277·4	16th	291·4	+2·5	*290·6*	47	− 7
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1019·3	+5·3	291·1	298·6	10th	282·5	278·4	30th	286·8	+1·0	*286·0*	55	+ 9
1366	Launceston	41 27	147 10	9·4	..	1020·2	+4·8	292·8	297·5	6th	281·4	275·5	29th	287·1	+1·1	..	20	− 31
1369																		
1370	Dunedin	45 52	170 31	76	..	1018·0	+2·1	286·5	292·7	11th	278·8	275·2	25th	282·7	−1·3	..	74	+ 12
1371	Christchurch	43 32	172 38	7·6	..	1019·3	+1·7	288·3	297·2	14th	278·3	272·0	15th	283·3	−1·8	..	29	− 20
1372	Wellington	41 16	174 46	2·4	..	1021·2	+4·0	288·7	293·1	29th	282·4	276·8	21st	285·6	−1·1	..	75	− 27
		S.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

APRIL—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm
1421	Islota de los Evangelistas	52 24	75 6	55	989·5	996·2	−0·9	282·6	286·6	3rd	277·8	274·8	28th	280·2	−0·3	*289·8*	276	− 5
1422	Puerto de Punta Arenas	53 10	70 54	4	995·1	995·6	−3·0	283·1	287·2	10th	276·1	271·1	29th	279·6	−0·7	*279·1*	54	+ 18
1423	Punta Dungeness	52 24	68 25	5	994·7	995·3	−6·1	283·2	288·0	10th	278·7	276·2	26th	281·0	0·0	*280·5*	21	− 3
1425	Cape Pembroke	51 41	57 42	15	995·1	997·6	−3·8	282·0	285·2	18th	275·6	270·2	26th	278·8	+0·3	279·7	..	..
1426	Stanley, Falkland Is.	51 41	W 57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	68	+ 7
1429	S. Georgia (Cumberland Bay)	54 14	W 36 34	3·7	995·6	996·9	+0·9	277·6	285·8	12th	271·7	268·6	24, 29, 30	274·7	−1·2	*274·3*	98	− 30
1467	Macquarie Is.	54 30 S.	E 158 57 E.	9	..	1003·9	+0·4	279·1	281·3	8th	276·3	273·0	15th	277·7	..	277·8	..	..

APRIL—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	6·9	989·6	990·5	−0·5	..	277·2	..	..	258·8	..	..	+0·7	270·6	49	− 6
1528				metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—APRIL 1913.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. 9 a.m.	Fanning Island. 805. 9 p.m.	Sierra Leone. 834. 9 a.m.	Sierra Leone. 834. 5 p.m.	Malden Island. 905. 9 a.m.	Malden Island. 905. 8 p.m.	Tulagi. 969. 9 a.m.	Ocean Island. 970. 9 a.m.	Ocean Island. 970. 9 p.m.	Suva, Fiji. 1072. 9 a.m.
	Direction and Force.		Direction and Force.		Direction and Force.		Direction and Force.		Direction and Force.	Direction and Force.		Direction and Force.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.
1	S by E	3·8	..	..	SW 2	SW 2	NE 5	E 2	Calm 0	ENE 2	E 1	SE 2
2	SE	7·1	..	..	Calm 0	S 2	E 3	E 1	NW 1	E 2	E 1	Calm 0
3	SE	8·3	..	..	Calm 0	SW 4	E 2	Calm 0	Calm 0	E 2	Calm 0	N 1
4	SE by E	9·2	..	..	Calm 0	SW 2	E 3	Calm 0	Calm 0	E 2	E 1	Calm 0
5	ESE	10·0	..	..	Calm 0	W 6	NE 4	E 1	SE 1	E 3	Calm 0	E 2
6	SE by S	8·3	..	..	NE 2	E 4	NE 4	E 2	Calm 0	ENE 1	Calm 0	E 3
7	SSE	6·7	..	..	NW 2	NW 4	NE 5	E 1	SE 1	ESE 1	Calm 0	Calm 0
8	SE by S	5·8	..	..	W 2	SW 4	N 4	N 2	SE 2	E 2	Calm 0	NE 1
9	SSE	6·7	..	..	NW 2	W 4	N 4	N 1	Calm 0	E 1	Calm 0	N 2
10	SE by S	6·3	..	..	SW 2	SW 4	NW 2	N 1	NW 1	E 1	Calm 0	Calm 0
11	SE	9·2	..	..	Calm 0	W 4	NE 3	N 1	Calm 0	E 2	E 1	Calm 0
12	SE	7·5	..	..	Calm 0	SW 4	NE 4	E 1	ESE 1	ENE 1	Calm 0	Calm 0
13	SE by E	3·8	..	..	Calm 0	W 4	NE 2	NE 2	ESE 4	ENE 1	Calm 0	W 2
14	SE	4·2	..	..	E 4	W 2	NE 5	Calm 0	ESE 2	ENE 1	ENE 1	Calm 0
15	SE by E	..	..	..	NW 2	W 4	NE 3	N 1	SE 1	NE 1	NE 1	S 3
16	SE	2·5	..	..	W 2	SW 6	N 2	Calm 0	NE 1	NE 1	Calm 0	SW 5
17	SE	4·6	..	..	W 3	SW 5	NW 4	Calm 0	ESE 3	NE 2	Calm 0	SW 5
18	SSE	6·3	..	..	Calm 0	SW 5	NE 3	E 1	ESE 1	ENE 2	E 1	Calm 0
19	SE by S	6·3	..	..	W 2	S 2	NE 3	NE 2	E 4	NE 2	NE 1	SW 2
20	SE by E	5·8	..	..	W 2	NW 4	E 4	E 1	E 4	NE 2	NE 2	E 2
21	SE by E	3·3	..	..	W 2	SW 4	E 3	E 1	ESE 4	NE 2	NE 1	E 3
22	SE	7·1	..	..	N 2	SW 3	E 2	Calm 0	ESE 1	NE 1	N 1	NE 4
23	SE	6·3	..	..	N 2	SW 3	NE 4	NE 1	NE 2	E 2	NE 1	NE 3
24	SE by S	7·5	..	..	Calm 0	NW 4	E 3	Calm 0	SE 2	E 1	Calm 0	NE 3
25	SSE	7·1	..	..	SW 2	SW 3	NE 4	E 2	ESE 2	E 1	Calm 0	Calm 0
26	SE	8·3	..	..	W 2	SW 4	NE 3	E 3	ESE 1	ENE 2	E 2	N 2
27	SE	6·7	..	..	Calm 0	Calm 0	NE 2	E 2	Calm 0	NE 3	E 1	Calm 0
28	ESE	9·2	..	..	W 2	SW 4	E 3	E 2	ESE 3	ESE 1	E 1	E 3
29	..	..	..	..	SW 2	Calm 0	NE 2	E 1	E 1	E 1	E 1	NE 4
30	SE by S	12·1	..	..	Calm 0	SW 2	E 3	E 1	NW 1	ENE 1	E 1	NE 2
Mean for Month	..	6·8	..	..	1·4	3·4	3·3	1·1	1·5	1·6	0·6	1·8
Deviation from Normal	..	+0·1	..	..	..	..	−0·2		..	−0·9		−0·7

* Direction and velocity in the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—APRIL 1913.

**Barents Sea.*—"The ice extended from near Cape Sviatoj N. to 74° N., then W. to 17° E., with a tongue towards Vardö, then N. to Spitsbergen. The area ice-covered was 1215×10^3 sq. km., compared with a normal value of 1190×10^3 sq. km."

**Spitsbergen.*—"The W. coast was ice-free from a little N. of South Cape, which is unusual."

**Greenland Sea.*—"At Angmagsalik the ice broke up on the fiord; the sea was ice-covered. The area of the Greenland Sea ice-covered was 1142×10^3 sq. km., compared with a normal value of 1128×10^3. **Iceland* was almost ice-free."

North Atlantic and Labrador.—"There was some field-ice, limits 46° N., 54° W. (extreme limits, 1901–16, 40° N., 41° W.). The icebergs increased in number, reaching 42½° N., 40° W. (extreme limits, 1901-16, 39½° N., 38° W.)."

**Davis Strait, Baffin Bay.*—"The coast was ice-free, which is unusual in April, with thick field-ice about 60 miles off-shore at Cape Farewell, and icebergs and pack-ice off-shore further N."

**Bering Sea.*—"No information is available."

* *Isforholdene i de arktiske Have, 1913*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, MAY 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MAY 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. MAY—ZONE 1.

No.	Name of Station	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	1016·7	1017·5	..	..	..	..	..	..	..	..	..	*266·2*	0	..
124																		
125	Upernivik	72 47	W 56 7	18·9	1014·6	1016·9	+0·5	273·3	282·6	13th	265·4	256·7	4th	269·4	−0·7	*268·4*	24	+10
126																		
139	Spitsbergen	78 2	E 14 14	11·4	1014·8	1016·3	−0·7	..	274·0	6th	263·8	252·6	14th	..	..	267·8	9	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1013·1	1013·9	0·0	..	283·8	24th	272·5	268·3	15th	..	−0·9	*274·8*	66	+30
142	Mehavn	71 1	27 47	6·4	1013·4	1014·2	..	..	283·6	24th	272·3	268·3	1st	..	..	*274·9*	51	+13
143	Vardö	70 22	31 8	10·0	1012·8	1014·1	−0·7	..	282·7	24th	271·9	268·9	12th	..	+0·1	*274·5*	24	−10
144																		
147	Malye Karmakouly	72 23 N.	52 43 E.	14·8	1007·4	1009·4	−2·9	..	276·0	5th	265·6	258·4	14th	268·2	−0·9	*267·8*	12	− 1
148																		

Between Latitude 70° N. and 60° N. MAY—ZONE 2.

203	Nome	64 30 N.	165 24 W.	4·6	1008·4	1009·1	..	279·7	289·7	sev. dates	272·9	265·2	2nd	276·3	..	..	7	..
204																		
205	Tanana	65 12	152 0	?	999·0	..	..	288·1	294·7	29th	273·6	266·3	4th	280·9	..	..	40	..
206																		
207	Valdez	61 6	146 13	3·1	1011·5	1011·8	..	282·1	287·4	16th	271·5	265·2	6th	276·8	..	..	45	..
208	Eagle	64 46	141 12	248·4	977·6	1008·1	..	289·1	294·7	29th	270·9	264·1	5th	280·0	..	..	10	− 8
209	Dawson	64 4	139 20	328	970·2	1009·5	−0·7	288·7	294·7	27th	272·2	265·8	5th	280·5	−1·1	..	6	−18
210	Carcross	60 11	134 34	662	..	..	..	283·4	287·4	12th, 22nd	271·9	266·3	1st	277·7	..	..	7	..
211																		
212	Fort Simpson	61 52	120 43	129	999·7	1015·5	..	287·8	296·9	24th	274·2	266·3	5th	281·0	+1·9	*281·9*	15	−61
213	Hay River	60 51	115 20	161	997·3	1017·3	..	281·7	291·3	24th, 25th	271·2	259·7	12th	276·5	−1·6	..	11	..
214	Fort Resolution	61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	0	..
225																		
226	Jacobshavn	69 13	51 2	12·6	1014·0	1015·6	+0·8	276·3	283·5	12th	268·7	258·4	6th	272·5	+0·3	*272·4*	5	− 8
229	Godthaab	64 11	51 44	9·0	1010·3	1011·5	−0·8	..	..	..	270·2	263·4	18th	..	−1·0	*273·0*	17	−32
230	Angmagsalik	65 37	37 34	31·7	1010·7	1014·6	+2·6	281·8	284·4	24th	271·2	265·3	21st	276·5	..	*274·9*	68	..
231																		
232	Stykkisholm	66 5	22 46	11·3	1010·6	1012·0	−2·2	281·4	284·9	28th	275·4	270·5	17th	278·4	+1·1	*278·5*	8	−27
233	Vestmanno	63 26	20 15	7·7	1008·8	1009·6	−4·2	283·7	286·4	26th, 27th	277·2	270·9	19th	280·5	+0·4	*280·0*	70	+ 8
234	Grimsey (Akureyri)	66 33	17 58	22·0	1012·0	1014·7	−0·5	278·2	285·5	14th	273·3	267·7	18th	275·8	+1·0	*275·7*	1	−20
235	Berufjord	64 40	14 19	18·0	1009·4	1011·6	−3·2	281·3	286·2	14th	275·0	270·4	18th	278·2	+0·9	*277·9*	40	−27
236	Thorshavn	62 3	6 45	25·7	1007·2	1010·3	−4·3	282·9	285·6	29th, 31st	278·6	274·4	20th	280·8	+0·8	*280·8*	102	+11
	Lerwick	60 9	W 1 8	18·0	1009·6	1011·7	−2·1	283·3	285·8	22nd, 29th	279·4	276·3	20th	281·4	+1·1	*280·7*	70	..
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1008·0	1013·4	−0·3	..	292·8	31st	279·9	276·4	20th	..	+0·5	*282·9*	108	− 8
239	Christiansund	63 7	7 45	17·8	1010·8	1013·0	−0·7	..	294·6	31st	279·8	276·8	14th	..	+1·5	*282·3*	58	− 4
240	Trondhjem	63 26	10 25	39·5	1008·7	1013·5	0·0	..	295·4	31st	278·0	273·9	13th	..	+1·8	*282·5*	26	−25
241	Bodö	67 17	14 24	20·5	1012·2	1014·7	+1·4	..	287·6	31st	277·0	273·4	13th	..	+1·2	*280·0*	36	−21
242	Haparanda	65 50	24 9	9·2	1014·1	1015·2	+1·3	283·3	288·0	19th, 23rd	274·3	269·0	4th	278·8	+1·6	*278·6*	21	− 8
	Helsingfors	60 10	24 57	11·7	..	1016·4	+2·7	..	289	..	..	270	..	281·6	+0·6	*281·2*	25	−19
242a	Kuopio					1016·6	+1·5	..	289	..	..	269	..	280·6	−0·2	*280·1*	27	..
243	Kola	62 54	27 40	99·7	..	1016·7	+0·5	278·1	289·0	24th	271·5	266·0	2nd	274·8	−1·6	*274·9*	14	− 1
244	Petrozavodsk	68 53	33 1	6·7	1013·9	1014·7	+2·2	..	290·6	11th, 22nd	..	..	..	279·8	−0·6	*279·3*	..	..
245	Arkhangelsk	61 47	34 23	38·9	..	1016·7	+0·9	..	288	..	..	264	..	276·7	−1·8	*276·2*	26	+ 1
246	Velsk	64 33	40 32	6·7	..	1014·7	..	284·8	297·8	21st	273·9	267·1	2nd	279·4	..	*279·6*	56	..
247	Oust-Tsylma	61 5	42 7	? 83	1004·7	1015·0	..	..	291	..	..	261	..	275·1	−1·5	*274·6*	..	..
248	Troitsko-Petcherskoe	65 27	52 10	? 25	..	1011·4	−1·3	..	294·8	26th	271·8	262·9	1st	277·6	..	*277·1*	26	..
		62 42	56 13	? 123	996·8	1012·0	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	1005·5	1010·5	−4·5	..	294·2	26th	271·1	258·2	1st	276·3	+1·3	*275·8*	29	+ 3
250	Obdorsk	66 31	66 35	23·7	1006·6	1009·5	−3·6	..	285·2	26th	267·8	256·7	1st, 2nd	271·8	+0·1	*271·3*	24	0
251	Sourgout	61 15	73 24	? 40	1005·8	1010·7	−1·2	..	296·3	31st	272·6	263·6	1st	278·3	+0·6	*277·7*	47	+ 8
252																		
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	1006·4	1008·9	..	..	276·0	14th	262·6	253·5	10th	267·4	..	*267·0*	16	..
261	Olekminsk	60 22	120 26	? 135	991·2	1007·7	−3·3	..	292·8	31st	271·8	259·5	2nd	278·4	−0·3	*277·9*	23	..
262	Iakoutsk	62 1	129 43	? 108	995·4	1008·7	−1·9	..	292·6	23rd	..	..	..	278·9	+1·0	*278·5*	6	− 5
263	Verkhoïansk	67 33	133 24	? 100	992·3	1004·7	−3·7	..	291·2	22nd	266·6	249·5	5th	275·3	+0·3	*274·9*	5	+ 1
264	Oust-Maïskoe	60 25	134 29	? 100	..	..	..	..	290·0	..	271·0	260·5	..	277·8	..	*277·3*	13	..
272	Novo-Mariinskii Post	64 45 N.	177 33 E.	5·2	1010·4	1011·1	..	..	278·5	24th	267·0	257·4	3rd	270·9	..	..	9	..
		°	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MAY—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

MAY—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1009·1	..	280·2	284·1	24th	274·6	270·8	3rd	277·4	..	..	102	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	1010·8	1014·2	+2·1	284·9	290·8	7th	277·1	271·9	5th	281·0	−0·2	..	101	− 3
310	Prince Rupert	54 18	130 18	52	..	1014·5	..	285·3	289·7	9th	279·2	275·2	5th	282·2	..	..	171	..
311	Barkerville	53 2	121 35	1274	..	1013·5	..	284·4	289·7	24th, 29th	272·6	263·6	5th	278·5	−1·2	*278·6*	80	+19
312	Kamloops	50 41	120 29	380	..	1013·2	−0·3	293·7	300·2	30th	280·4	271·9	5th	287·0	−0·6	*287·0*	15	−11
313	Calgary	51 2	114 2	1033	..	1013·2	+1·4	289·5	299·7	26th, 30th	275·3	265·8	1st	282·4	+0·1	*282·7*	58	− 5
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	..	1014·2	+2·0	289·4	299·7	26th, 30th	275·7	266·3	13th	282·5	+0·1	*283·0*	20	−19
316	Qu'Appelle	50 30	103 47	645	..	1014·5	+1·7	288·4	303·6	27th	275·6	266·9	1st	282·0	−1·3	*282·2*	57	0
317	Minnedosa	50 15	99 50	518	..	..	..	..	..	..	..	..	..	..	..	..	..	..
318	Berens River	52 18	97 23	216	..	..	..	283·8	296·5	..	272·6	265·5	..	278·2	..	*277·9*	60	..
318*a*	York Factory	57 0	92 28	11	1017·7	1019·1	+1·5	..	..	..	267·7	259·7	13th	..	..	..	37	+13
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	1016·1	1017·2	..	283·6	296·9	31st	272·1	263·6	9th	277·9	−0·4	..	74	+13
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1015·5	..	..	277·1	288·0	31st	267·7	257·4	12th	272·4	..	..	35	−60
326	Point Riche	50 42	57 25	10·7	..	..	..	..	285·8	..	..	272·4	..	277·3	+0·6	..	5	−65
327	Belle Isle	51 53	55 23	133	994·1	1010·8	−4·0	273·8	277·4	10th, 24th	270·4	267·4	9th, 10th	272·1	−2·5	..	19	..
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1009·2	1010·8	−4·7	286·0	290·8	26th	281·1	278·0	6th	283·6	−0·7	283·6	168	+63
335	Aberdeen	57 10	2 6	27·4	1008·3	1011·6	−3·7	284·8	293·6	25th	279·4	275·8	20th	282·1	+0·1	282·1	79	−19
336	Greenwich	51 28	W 0 0	48·5	1007·2	1013·1	−2·2	292·2	301·9	27th	280·4	275·2	7th	286·3	+1·7	285·7	29	..
337	Uccle	50 48	E 4 22	100	1001·9	1014·0	−1·3	291·8	302·3	30th	281·2	277·0	19th	286·5	+0·7	286·2	102	+49
338	De Bilt	52 6	5 11	3·0	1013·4	1013·8	−2·4	291·3	301·5	31st	281·1	275·2	20th	286·2	+1	285·7	87	+35
338*a*	Hamburg	53 33	9 59	26·0	1011·8	1014·9	0·0	290·8	299·7	31st	282·5	276·0	6th, 7th	286·6	+1·6	*286·5*	28	−23
339	Copenhagen	55 41	12 36	5·0	1015·1	1015·7	+0·9	287·7	292·9	1st	281·0	275·7	7th	284·4	+1·1	*284·6*	14	−25
340	Potsdam	52 23	13 4	84·9	1004·7	1015·0	+0·1	292·9	303·6	31st	280·6	272·4	8th	286·8	+0·5	286·4	21	−31
340*a*	Upsala	59 51	17 38	24·0	1012·7	1015·6	+2·0	289·3	296·1	1st	276·4	269·6	7th	282·9	+1·7	283·2	13	+1
341	Warsaw	52 15	21 1	120	..	1015·1	+0·6	..	298	..	..	273	..	285·9	−0·7	*285·6*	49	−35
342	Jurjev	58 23	26 43	74·5	..	1017·0	+3·0	..	294	..	..	270	..	282·7	−0·5	*282·2*	15	..
343	Petrograd	59 56	30 16	4·8	..	1016·6	+2·3	..	294	..	..	270	..	281·5	−0·5	*281·2*	44	+4
344	Kiev	50 27	30 30	182·9	..	1013·6	−1·0	..	297	..	..	276	..	285·7	−1·5	*285·2*	144	+36
344*a*	Moscow	55 45	37 34	156	..	1016·2	+1·3	..	298	..	..	268	..	282·9	−2·2	*282·6*	18	+7
345	Saratov	51 32	46 3	59·9	..	1013·5	−1·7	..	302	..	..	269	..	285·5	−2·8	*284·9*	99	− 3
346	Kazan	55 47	49 8	79·8	..	1014·7	−1·1	..	296	..	..	268	..	282·5	−3·0	*282·2*	35	+24
347	Orenburg	51 45	55 6	114·1	..	1015·9	−1·3	..	298	..	..	267	..	285·8	−1·9	*285·2*	60	− 4
348	Perm	58 1	56 15	163·0	..	1013·8	−1·2	..	296	..	..	266	..	280·0	−3·4	*279·4*	46	..
349	Ekaterinburg	56 50	60 38	288·9	..	1014·2	−1·5	..	299	..	..	258	..	280·5	−2·6	*279·9*	60	+19
350	Tobolsk	58 12	68 14	108·3	999·5	1012·8	..	..	299·3	31st	276·0	266·7	1st	281·4	−1·2	*280·8*	27	− 7
351	Akmolinsk	51 12	71 23	? 347	974·4	1015·5	−0·7	..	300·2	16th, 30th	278·4	270·2	4th	285·5	−1·1	*284·9*	12	−20
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	10	− 8
353	Barnaoul	53 20	83 47	162·2	995·5	1015·0	−0·9	..	300·4	15th	277·6	271·9	22nd	285·1	+0·9	*284·5*	23	− 4
354	Tomsk	56 30	84 58	121·6	998·8	1013·7	−1·1	..	300·0	17th	275·6	270·5	1st	282·1	+0·9	*281·5*	37	..
355	Minousinsk	53 43	91 41	? 245	985·2	1014·6	..	..	300·0	17th	276·6	270·9	19th	284·4	..	*283·8*	36	+14
356	Eniseisk	58 27	92 11	84·4	1002·6	1012·9	−1·1	..	299·4	30th	274·8	270·0	2nd	281·4	+1·3	*280·8*	14	−20
357	Irkutsk	52 16	104 19	467·0	959·1	1014·5	+0·2	..	298·6	18th	273·7	269·2	14th	282·0	−0·7	*281·5*	23	..
358	Kirensk	57 47	108 7	? 263	981·2	1013·0	..	..	299·0	18th	273·5	266·3	4th	281·0	..	*280·5*	38	..
359	Tchita	52 2	113 30	663·7	932·4	1009·8	..	..	298·4	26th	273·3	266·2	12th	282·0	..	..	26	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	952·6	1011·4	..	..	292·7	31st	271·3	261·1	7th	277·3	..	*276·8*	39	−20
360*a*	Nertchinsk	51 59	116 35	484·3	951·6	1008·4	..	..	298·9	30th	273·6	264·4	7th	283·7	+3·3	*283·3*	2	..
361	Tygan Ourkan	54 5	124 46	? 359	965·1	1008·5	..	288·2	300·7	27th	270·3	264·6	9th	279·3	..	*279·8*	13	..
362	Blagoveshchensk	50 15	127 38	133·6	991·6	1007·7	..	..	298·3	31st	277·1	270·5	9th	284·1	+1·3	*283·7*	13	..
363	Paikanskii Sklad	50 11	130 7	? 145	..	..	..	..	297·4	31st	272·9	266·3	5th	281·9	..	*281·5*	? 16	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1005·4	1008·0	−2·6	..	290·8	30th	271·9	265·5	6th	276·8	−0·4	*276·4*	32	− 2
366	Okhotsk	59 21	143 17	6·0	1008·3	1009·1	−4·4	277·3	286·1	20th	269·6	258·7	6th	273·5	−2·2	*273·0*	13	− 2
367																		
368	Petropavlovsk Phare	52 53	158 47	87·1	996·7	1007·6	−2·2	276·2	280·4	5th, 28th	273·9	269·5	18th	275·1	−3·9	..	88	..
369		N.	E.															
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
411		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
412	Victoria, B.C.	48 24	123 19	25·9	..	1017·6	+1·7	289·9	296·9	31st	280·4	275·9	5th	285·2	+0·2	284·7	20	−14
413	Portland, Oregon	45 32	122 41	46·6	1012·8	1018·3	+1·4	291·9	301·9	31st	282·4	278·0	1st	287·2	+0·4	*286·9*	41	−18
414	Macleod	49 44	113 24	954	..	..	..	288·8	300·8	31st	275·8	266·9	4th	282·3	−1·2	*282·5*	8	−37
414*a*	Helena	46 34	112 4	1253	873·0	1014·5	+1·0	289·7	303·6	26th	278·0	268·6	1st	283·8	−0·1	*284·0*	51	0
415	Salt Lake City	40 46	111 54	1329	864·9	1011·2	0·0	294·7	304·7	26th	283·0	274·1	3rd	289·0	+1·4	*289·4*	14	−36
416	Cheyenne	41 8	104 48	1856	812·7	1012·8	+2·0	290·8	300·2	27th	277·4	270·8	2nd	284·1	+0·6	*284·3*	56	− 5
416*a*	North Platte	41 8	100 45	859	916·0	1014·5	+2·7	295·8	308·6	29th	281·3	272·4	3rd	288·6	+0·6	*288·7*	89	+10
417	Bismarck	46 47	100 38	510·6	956·6	1017·3	+3·4	290·8	306·3	27th	278·0	270·2	6th	284·3	−1·6	*284·5*	51	−13
418	Winnipeg	49 53	97 7	231·6	..	1016·6	+2·4	289·5	304·6	27th	276·4	267·5	6th	282·9	−0·7	*282·4*	13	−38
	Duluth	46 47	92 6	345·1	975·3	1016·9	+2·4	285·8	300·2	31st	275·8	271·3	9th	280·9	−1·3	*280·9*	122	+36
419	Port Arthur	48 27	89 12	196·3	..	1017·3	+0·4	285·6	299·7	31st	274·4	268·6	14th	280·0	−0·7	*279·8*	87	+32
420	Chicago	41 53	87 37	250·9	987·1	1017·3	+2·7	291·3	302·4	2nd	283·0	276·3	10th	287·2	+0·6	*287·1*	111	+25
421	Toronto	43 40	79 24	106·7	..	1017·3	+2·4	290·9	303·3	2nd	279·9	272·0	10th	285·4	+0·4	285·2	26	−46
422	New York	40 43	74 0	95·7	1004·4	1015·9	+0·3	293·0	304·1	3rd	284·1	275·2	11th	288·7	+0·5	288·7	64	−18
423	St. John, N.B.	45 17	66 4	21·3	..	1014·5	+1·0	284·1	291·6	3rd	277·3	272·6	2nd	280·7	−1·3	*280·3*	92	− 7
424	S. W. Point, Anticosti	49 24	63 35	12·2	..	1013·5	0·0	287·5	298·6	14th	273·6	270·8	9th, 15th	280·6	..	..	51	− 1
425	Sable Island (Main Station)	43 57	60 6	7·6	..	1014·9	..	281·9	287·4	29th	276·4	273·6	2nd, 5th	279·2	−0·7	..	102	+ 8
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1010·1	−4·4	283·8	295·8	7th	274·6	270·8	5th	279·2	+0·2	..	119	+38
435	Madrid	40 24	3 41	655·4	939·9	1015·0	+0·4	298·2	307·8	25th	280·8	274·8	15th	289·5	0·0	289·0	9	−35
436	Nantes	47 15	W 1 34	41·4	1009·6	1014·6	−1·4	291·2	300·9	29th	282·0	275·8	2nd	286·6	−0·3	*286·5*	79	+23
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1008·3	1014·4	−1·0	292·2	302·8	30th	281·4	275·9	3rd	286·8	−0·4	*286·4*	71	+26
438*a*	Marseilles	43 18	5 23	75·0	1004·4	1013·4	0·0	294·6	301·8	30th	283·9	280·0	5th	289·3	0·0	*289·1*	30	−10
439	Zürich	47 23	8 33	493·2	957·4	1013·8	−0·5	..	301·8	30th	..	277·3	8th	..	−0·3	285·6	65	−49
440	Rome	41 54	12 29	63·4	..	1013·3	−0·4	295·4	301	30th, 31st	285·6	281	6th	290·5	−0·2	*290·5*	93	+35
440*a*	Vienna	48 15	16 22	202·5	989·2	1013·0	−1·3	290·7	298·6	30th	282·1	275·8	9th	286·4	−1·1	286·4	52	−15
441	Buda-Pesth	47 30	19 2	129·6	997·5	1012·2	−0·7	293·3	302·1	31st	282·9	278·5	8th	288·1	+0·2	*288·2*	90	+16
442	Bucharest	45 25	26 6	82	1002·4			..	300·8	4th	..	278·0	12th	288·0	−1·5	..	129	+66
443	Odessa (University)	46 29	30 46	65·3	..	1012·8	−1·8	290·9	297·4	25th	286·2	278·4	9th	288·6	−0·4	*287·2*	52	+18
444	Kharkov (University)	50 0	36 14	140	..	1014·2	−0·5	..	297	..	..	272	..	285·9	−2·4	*285·4*	64	+19
444*a*	Novorossiisk	44 40	37 49	37	..	1011·9	−3·5	..	297	..	..	280	..	288·2	−1·7	*287·6*	65	+20
445	Tiflis	41 43	44 48	409	..	1012·4	−2·7	..	299	..	..	279	..	289·3	−1·6	*288·9*	140	+64
446	Astrakhan	46 21	48 2	−14	..	1012·7	−2·8	..	302	..	..	275	..	289·9	−1·5	*289·4*	65	+48
447	Fort Alexandrovsk	44 31	50 16	24	1008·3	1011·1	−3·7	..	300·0	9th	284·6	275·1	2nd	289·0	−2·0	*288·6*	11	− 3
448	Krasnovodsk	40 0	52 59	−15	..	1011·4	−3·7	..	307	..	..	279	..	293·7	−0·3	*293·2*	..	..
449	Tachkent	41 20	69 18	479·2	956·4	1011·0	−1·8	302·4	307·2	16th	287·2	278·2	22nd	294·8	+1·2	*294·2*	30	+ 6
450	Tourgay	49 38	63 27	? 130	1000·6	1016·1	..	..	301·6	12th	281·0	270·7	3rd	287·7	..	..	32	..
451	Narynskoe	41 26	76 2	?2015	795·9	..	..	..	..	..	296·7	279·4	9th	277·7	270·8	1st	283·9	−0·7	*283·3*	84	+18
452	Vernyi	43 16	76 53	824·8	920·0	1013·0	+0·3	296·7	303·9	4th	..	..	..	..	..	..	290·6	+1·5	*290·0*	77	−11
461	Mukden	41 48	123 23	43·8	1003·3	1008·5	−0·6	295·5	303·6	23rd	281·1	273·2	2nd	288·3	−0·3	288·5	13	−38
462	Joshin	40 40	129 11	4·0	1008·2	1008·7	−0·9	291·1	303·0	28th	280·9	276·7	10th	286·0	+0·7	285·2	66	+ 7
463	Vladivostok	43 7	131 54	26·8	1006·0	1009·2	−2·7	..	..	..	279·8	274·8	10th	..	+1·4	*283·6*	19	−14
464																		
465	Ochiai	47 20	142 44	6·6	1007·0	1007·8	..	283·8	296·1	29th	273·1	267·8	11th	278·5	..	278·3	55	..
466	Nemuro	43 20	145 35	26·7	1006·1	1009·4	−2·1	281·9	294·1	29th	275·1	272·8	4th	278·5	−1·3	278·2	111	+20
		N.	E.															

Between Latitude 40° N. and 30° N.

MAY—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
511	San Francisco	N. 37 48	W. 122 26	47·2	1010·5	1015·9	+0·3	290·2	298·6	30th	283·0	281·9	6th	286·7	+0·6	*286·2*	16	− 5
512	San Luis Obispo	35 18	120 39	61·3	1009·5	1016·9	+1·0	293·0	302·4	16th	281·3	274·1	2nd	287·3	+0·6	*287·0*	8	−15
513	Modena	37 48	113 54	1670	832·0	1011·2	+1·4	294·1	300·8	26th	276·3	270·8	14th	285·4	−0·1	*285·6*	21	0
514	San Diego	32 43	117 10	26·5	1012·2	1015·2	+1·0	290·8	293·0	11th	285·8	281·3	2nd	288·4	−0·6	*288·3*	2	− 8
515	Santa Fé	35 41	105 57	2138	787·3	1009·1	−0·3	294·7	299·1	24th	280·8	275·2	4th	287·8	+1·1	*287·9*	4	−23
516	Denver	39 45	105 0	1613	836·4	1012·5	+2·0	294·1	305·8	29th	280·2	274·1	2nd	287·2	+0·4	*287·3*	43	−23
517	Abilene	32 23	99 40	529·6	952·9	1013·2	+1·7	303·0	309·7	26th	289·7	283·6	7th	296·2	+1·0	*296·1*	120	+25
518	Saint Louis	38 38	90 12	172·8	995·9	1016·2	+2·0	298·0	306·9	30th	287·4	278·0	10th	292·6	+0·4	*292·5*	39	−69
519	Mobile	30 41	88 2	17·4	1014·9	1016·9	+1·4	300·8	307·4	31st	291·3	285·8	24th	296·2	+0·1	*295·9*	40	−61
520	Nashville	36 10	86 47	166·4	998·3	1017·9	+2·7	299·1	306·3	31st	287·4	281·9	11th	293·4	0·0	*293·4*	68	−20
521	Charleston	32 47	79 56	14·6	1015·9	1017·6	+1·4	299·7	309·7	30th	291·3	285·8	11th	295·6	+0·1	*295·3*	5	−84
522	Washington	38 54	77 3	34·1	1012·2	1016·2	+0·3	296·9	305·2	4th	284·7	275·8	12th	291·0	+0·1	*290·9*	116	+18
523	Bermuda	32 17	64 46	46·0	1013·2	1018·7	+0·6	295·6	298·1	25th, 26th	288·8	282·7	12th	292·2	−1·3	*292·8*	34	−78
524																		
531	Horta	38 32	28 38	30	..	1023·9	+3·3	293·2	296	31st	288·0	286	sev. dates	290·6	+0·7	..	33	−26
532	Ponta Delgada	37 44	25 40	17	..	1022·7	+2·9	?291·8	?294	sev. dates	?287·8	?286	20, 21, 31	?289·8	?+0·2	..	7	−74
533	Madeira (Funchal)	32 37	16 54	25	1016·6	1019·6	+1·4	293·0	298·8	25th	284·1	282·4	8th	288·5	−0·8	..	3	−19
534	Lisbon	38 43	9 9	95·4	1005·3	1016·7	+0·9	293·6	304·9	26th	286·5	283·2	1st	290·0	+0·2	*289·6*	11	−40
535	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
536	Gibraltar	36 6	5 21	16·2	1014·7	1016·7	+1·6	296·2	300·8	29th	287·0	284·1	15th	291·6	0·0	*290·6*	26	−23
		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MAY—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1007·9	1012·4	−2·4	296·0	301·8	31st	288·2	285·3	2nd	292·1	−0·1	*291·4*	14	−25
538	Palma	39 33	2 42	..	..	1015·9	+1·3	295·2	302	30th	287·4	285	3rd	291·3	+0·9	..	17	− 12
538*a*	Tunis	36 48	10 10	43	1013·8	1018·9	+3·8	297·6	306·0	31st	286·0	281·4	3rd	291·8	−0·2	..	8	− 19
539	Malta	35 54	14 31	59	..	1016·0	+0·5	294·5	301	19th	288·4	284	4th	291·4	−0·1	..	21	+ 9
540	Catania	37 30	15 3	64·9	..	1015·1	+0·5	295·5	298·9	31st	287·5	282·9	7th	291·5	+0·1	..	32	+ 20
541	Athens	37 58	23 43	107·1	..	1012·3	−1·5	295·6	301	31st	287·4	285	9, 16, 17	291·5	−1·5	*291·4*	42	+ 20
542	Alexandria	31 9	29 54	32·0	..	1013·1	−0·7	298·9	307	6th	290·2	288	4th	294·6	−0·2	*293·8*	0	− 1
543	Cairo (Helwan)	29 52	31 20	115·6	..	1012·6	−0·4	303·1	311	22nd	289·7	286	17th	296·4	−1·4	..	13	+ 11
544	Nicosia	35 12	33 24	22·1	..	1009·8	−2·5	300·8	305	21st, 22nd	283·1	280	9th	292·0	−1·8	*292·8*	19	− 11
544*a*	Beirut	33 54	35 28	52·4	..	1012·2	−0·1	297·4	305	7th	290·2	287	4th	293·8	−0·5	..	2	− 16
545	Baghdad	33 21	44 28	38·7	1004·0	1008·4	−1·2	308·8	312·6	29th	293·4	287·9	4th	301·1	+1·6	..	2	− 14
546	Lenkoran	38 46	48 52	−19	1014·3	1012·0	−2·6	..	299·3	31st	287·4	282·1	1st	291·3	−0·9	*290·9*	24	− 8
547	Busrah	30 31	47 53	7·6	1006·5	1007·6	−2·8	310·3	319·3	29th	298·1	293·6	7th	304·2	+2·5	..	9	− 25
548	Meshed	36 16	59 35	946	903·7	1007·2	..	302·6	309·3	31st	285·5	277·5	1st	294·1	+1·7	..	11	
549	Quetta	30 11	67 3	1677	830·9	..	−0·3	303·9	308·1	27th	284·9	280·1	1st	294·4	+1·5	*294·5*	0	− 10
550																		
551	Lahore	31 34	74 20	214	978·6	1002·3	−0·3	312·1	317·7	30th	296·4	292·0	2, 3, 4	304·3	−0·5	*304·1*	84	+ 67
551*a*	Simla	31 7	77 8	2204·8	779·4	..	−0·3	293·4	298·2	30th	286·3	280·5	31st	289·9	−1·9	*290·0*	133	+ 65
552	Leh	34 10	77 42	3503	666·8	..	−0·1	289·8	294·6	19th	275·5	270·5	3rd	282·7	−0·6	*282·4*	8	+ 2
552*a*	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	58	+ 21
559	Hang Kow	30 35	114 17	37·0	1006·9	1011·2	−0·4	299·4	305·0	18th	291·4	284·0	2nd	295·4	+0·3	*295·0*	131	+ 5
560	Tiensin	39 10	117 10	5·0	1009·1	1009·7	−0·3	299·7	306·4	6th	286·9	281·5	1st	293·3	−0·1	..	16	
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1010·6	+0·2	296·8	303·7	18th	286·1	280·8	3rd	291·5	−1·0	290·6	119	+ 28
562	Jinsen (Chemulpo)	37 29	126 32	67·6	1003·2	1011·2	−0·1	291·4	299·0	24th	283·2	280·4	11th	287·3	−0·8	286·4	53	+ 28
562*a*	Nagasaki	32 44	129 52	133·0	995·6	1011·3	−0·7	295·1	299·7	25th	286·1	282·8	17th	290·6	−0·8	290·2	194	+ 96
563	Kioto	35 1	135 44	42·9	1006·3	1011·4	−1·2	296·1	301·5	24th	281·7	276·5	4th	288·9	−0·6	288·9	239	+ 35
564	Tokio	35 41	139 45	21·3	1007·6	1010·2	−2·0	294·4	300·0	24th	284·2	277·9	11th	289·3	−0·4	289·1	187	+ 45
565	Miyako	39 38	141 59	30·4	1006·2	1009·8	−2·4	290·8	299·9	5th	279·7	272·7	9th	285·3	−0·8	284·6	55	
566		N.	E.															

MAY—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1015·4	1016·9	−1·4	299·7	301·9	30th	293·8	291·9	12th	296·8	+0·1	..	75	+ 25
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1798·6	822·4	..	+0·9	301·9	305·0	29th	286·3	282·9	1st	294·1	+1·2	..	6	− 42
617	Galveston	29 18	94 50	16·5	1014·5	1016·6	+2·7	298·6	301·3	31st	294·1	288·6	5th	296·3	−0·8	*296·1*	98	+ 15
618	New Orleans	29 58	90 4	15·5	1014·9	1016·6	+1·7	301·3	304·7	31st	291·9	286·9	24th	296·8	+0·2	*296·6*	202	+104
619	Havana	23 8	82 22	24·3	..	1016·6	+2·2	300·8	303·6	23rd	294·2	291·1	1st	297·5	−1·1	*297·5*	45	− 74
620	Key West	24 33	81 48	6·7	1015·6	1016·2	+1·4	301·9	303·0	31st	295·2	292·4	1st	298·4	−0·7	*298·3*	88	+ 3
621	Nassau, Bahamas	25 5	77 21	7·6	..	1017·8	+2·5	300·7	303·3	28th	294·7	291·9	12th	297·7	−0·5	..	63	−107
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
634	Las Palmas, Canary Islands	28 7	W15 26	7	1016·8	1017·6	+0·2	295·1	299·0	25th	289·2	286·4	5th	292·2	−0·7	..	2	− 6
637	Insalah	27 17	E 2 27	330	..	..	..	311·3	315·5	29th	293·0	289·5	23rd	302·2	−0·3	*302·4*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1016·4	+2·0	309·7	317	28th	287·9	283	10th	298·8	−2·3	*300·5*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1011·2	+0·5	310·5	317	4th	293·9	289	31st	302·2	−1·4	*303·0*	..	..
643	Suez	29 57	32 32	3·4	..	1012·6	+0·3	304·6	311	22nd	288·7	286	17th	296·6	−1·4	..	6	+ 3
644	Aswan	24 2	32 53	99·6	..	1011·1	−0·1	310·0	316	23rd	293·0	289	18th	301·5	−2·3	*303·2*	..	..
647	Bushire	28 59	50 53	4	1006·1	1006·7	−0·5	305·8	314·0	18th	298·1	293·6	9th	302·0	+1·1	..	1	0
648	Jask	25 44	57 47	4	1003·9	1004·4	−1·9	306·6	309·0	30th	298·8	295·4	3rd	302·7	+0·1	..	0	
649	Kurrachee	24 53	66 57	4	1004·6	1005·0	−0·3	304·8	308·0	3rd	299·7	296·3	2nd	302·2	+0·4	*301·6*	0	− 2
650	Hyderabad, Sind	25 24	68 18	29	999·6	1002·8	−0·9	314·3	317·4	19th	299·1	296·3	4th	306·7	+0·1	..	0	− 4
651	Jaipur	26 56	75 52	436	955·8	1003·1	−0·8	312·7	316·4	4 dates	297·9	292·8	5th	305·3	−1·3	*304·9*	29	− 16
652	Nagpur	21 8	79 5	310	970·6	1004·2	+0·3	314·7	317·5	1, 9, 11	299·9	295·7	19th	307·3	−1·0	*306·7*	64	+ 44
653	Allahabad	25 25	81 51	94	993·1	1003·5	+0·2	312·6	317·2	1st	297·9	294·4	5, 15, 18	305·3	−1·8	*304·9*	25	− 17
654	Calcutta	22 36	88 23	6	1004·3	1005·0	+0·1	307·7	313·0	3rd	297·6	293·7	12th	302·7	−0·3	*302·5*	218	+ 72
655	Gauhati	26 8	91 41	59	1003·5	1007·3	..	303·3	307·3	3rd	294·6	290·8	4th	298·9	..	..	287	+ 47
655*a*	Cherrapunji	25 15	91 42	1314	869·3	..	..	294·8	297·3	3rd, 5th	287·6	277·5	2nd	291·2	..	..	1185	+622
656	Shillong	25 33	91 48	1500	847·3	..	..	295·8	299·1	4 dates	287·1	282·8	5th	291·5	..	..	316	+ 53
656*a*	Akyab	20 11	92 56	6	1007·0	1007·6	−0·1	305·9	308·2	3rd, 7th	298·2	295·5	11th, 30th	302·1	0·0	*302·4*	366	+ 71
657	Phu Lien	20 48	106 37	115·6	994·1	1007·3	−0·7	302·7	307·0	23rd, 24th	295·9	292·1	3rd	299·3	+0·1	*298·4*	234	− 3
658	Moncay	21 31	107 51	9	1007·1	1008·1	+0·3	303·0	305·7	6th	295·7	290·0	3rd	299·4	−0·2	*298·5*	121	−177
659																		
660	Hong Kong	22 18	114 10	33·2	1005·5	1009·3	−0·2	301·1	304·4	25th	296·2	292·4	18th	298·7	+0·2	298·1	236	− 61
661	Taihoku, Formosa	25 2	121 31	9·3	1009·4	1010·4	+0·1	301·4	305·8	12th	293·5	289·4	3rd	297·4	0·0	297·0	270	+ 57
662	Naha	26 13	127 41	10·5	1009·8	1011·0	−0·2	299·9	303·2	29th	293·3	289·7	18th	296·6	+0·3	296·5	249	+ 1
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

MAY—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	809·0	..	..	299·4	302·4	27th	284·1	281·2	7th	291·8	..	*291·1*	7	..
717	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	19 26	99 8	2280	780·1	..	..	297·1	300·4	29th, 30th	283·2	279·2	6th	290·2	−1·0	289·8	38	− 8
718*a*	Oaxaca	17 4	96 44	1563	846·5	..	..	302·0	304·3	4th	286·0	283·0	28th	294·0	..	*293·3*	32	..
719	Belize	19 29	88 12	1·9	1016·7	1016·9	+6·2	302·9	304·7	28th	297·8	295·8	12th	300·4	−1·5	*299·2*	182	+ 37
720	San Salvador	13 44	89 9	657	939·1	1012·5	+2·1	..	306·8	..	..	288·5	..	296·9	+1·0	..	144	− 26
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·5	+1·6	302·6	304·3	14th	294·3	289·3	6th	298·4	−0·9	*298·7*	97	− 52
722	Port au Prince	18 34	72 22	37·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	1012·8	1013·5	..	301·8	303·7	11th	296·6	294·3	18th	299·2	..	..	195	..
724	Grenada (Richmond Hill)	12 3	61 45	155·1	994·7	1012·6	+0·1	302·4	304·1	17th, 27th	296·5	295·2	22nd	299·5	+0·1	*299·1*	30	− 88
725	Barbados	13 8	59 36	55·2	..	1011·7	0·0	303·1	304·3	17th	294·7	292·1	11th	298·9	−1·1	*298·8*	24	− 55
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·3	1014·6	−0·2	296·5	297·2	7th	291·9	285·0	20th	294·2	−1·4	..	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·7	1015·7	..	298·8	301·4	29th	293·6	292·4	8th	296·2	−0·6	..	0	0
733	Bathurst	13 24	16 36	1·5	1013·5	1013·7	+1·0	302·3	306·9	31st	292·3	290·2	26th	297·3	−0·4	*298·6*	0	− 5
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	315·8	317·4	sev. dates	297·4	291·3	8th	306·6	+1·7	..	33	+ 23
735	Ségou	13 34	6 17	? 272	..	..	..	..	..	..	298·7	294·5	15th	..	..	..	13	..
736	Timbouctoo	16 43	W 2 52	250	979·1	1006·6	−1·2	317·2	322·0	31st	297·8	293·0	2nd	307·5	−0·2	*307·4*	1	..
737	Sokoto	13 2	E 5 14	354	..	..	..	313·4	316·9	5th, 7th	299·3	293·6	22nd	306·4	+0·7	..	65	+ 22
738	Kontagora	10 24	5 24	400	..	..	..	308·5	310·8	10th, 14th	296·4	293·6	29th	302·5	+0·4	..	85	+ 8
739	Maiduguri	11 48	13 12	370	..	..	..	315·7	317·4	8, 16, 20	298·8	295·8	14th	307·3	+1·2	..	12	− 12
740	Katagum	12 17	10 22	30·7	..	..	..	314·7	317·4	8th	297·9	294·7	12th, 19th	306·3	+1·0	..	25	− 15
741	Kadugli	11 2	29 45	503	..	..	..	311·4	314·0	17th, 21st	294·6	291·5	20th, 26th	303·0	..	..	35	..
742	El Obeid	13 11	30 14	585	..	1009·5	−0·7	311·9	314	23rd	295·0	289	20th	303·4	0·0	*303·9*	11	+ 2
743	Khartoum	15 37	32 33	390	..	1008·2	+0·3	313·9	317	23rd	298·4	292	19th	306·2	−0·3	*306·7*	0	− 3
744	Aden	12 45	45 3	28·7	1005·2	1008·3	−0·5	307·2	310·0	31st	301·0	297·4	11th	304·1	+0·5	*303·4*	2	0
751	Bombay	18 54	72 49	11·3	1007·6	1008·7	−0·3	306·2	307·4	28th	300·4	299·1	6th	303·3	+0·5	*302·7*	0	− 18
752	Mysore	12 18	76 40	768	925·1	1008·4	−0·2	306·8	310·5	4th	294·2	291·3	7th	300·5	+0·3	*299·6*	109	− 19
752*a*	Kodaikanal	10 13	77 28	2343	770·7	..	−0·5	294·9	298·3	13th	285·5	284·1	21st	290·2	+0·5	*289·4*	89	− 59
753	Madras	13 4	80 14	6·7	1006·0	1006·8	−0·2	309·9	314·9	13th	300·3	295·5	15th	305·1	+0·1	303·7	54	+ 27
754	Waltair	17 45	83 16	68·9	995·5	1006·2	+0·4	306·6	308·6	29th	300·0	295·2	16th	303·3	..	*302·7*	13	− 45
755	Port Blair	11 40	92 40	17·7	1006·7	1008·6	+0·1	305·6	308·1	4 dates	299·2	297·2	31st	302·4	+0·7	*301·8*	191	−239
756	Rangoon	16 46	95 48	5·5	1008·0	1008·7	+0·2	306·5	311·9	1st	297·6	296·3	6, 24, 25	302·1	−0·2	*300·8*	364	+ 54
757	Saigon	10 46	106 42	11·2	1006·4	1007·6	−0·3	305·7	308·3	2nd	297·0	294·9	2nd	301·4	−1·0	..	260	+ 34
758	Nhatrang	12 16	109 12	6·8	1007·3	1008·0	+0·1	305·2	306·7	16th	296·6	295·2	26th	300·9	−0·9	..	88	+ 22
759	Bolinao	16 24	119 53	9·7	..	1008·0	−0·4	306·0	308·5	5th	297·6	296·1	9th	301·8	−0·4	301·4	243	− 11
760	Vigan	17 34	120 23	14·7	..	1008·2	−0·5	305·7	308·2	4th	297·9	295·6	6th, 9th	301·8	−0·5	301·2	363	+144
761	Manila	14 35	120 59	14·2	..	1008·6	−0·1	306·4	308·4	18th, 28th	296·3	293·0	22nd	301·4	−1·0	300·4	41	− 69
762	Ormoc	11 0	124 36	5·6	..	1008·5	−0·3	304·6	306·8	30th	295·8	294·1	2nd	300·2	+0·4	300·1	87	+ 14
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1009·9	..	304·5	305·6	14th	297·9	295·5	11th	301·2	+0·4	..	39	..
		N.	E.															

MAY—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
819	Culebra	9 10	79 40	123·1	..	1010·8	+0·5	303·6	305·8	5th	295·2	293·6	27th	299·4	−0·2	..	298	+ 14
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	El Perru, Guayanavieja	7 30	62 0	? 300	986·0	1020·2	..	304·0	305·8	12, 14, 15	295·1	294·7	3, 13, 25	299·6	..	..	41	..
826	Georgetown, Brit. Guiana	6 50	58 12	1·8	1014·8	1015·0	+2·4	303·0	304·2	12th	297·3	295·9	27th	300·2	+0·7	..	127	−167
826*a*	Paramaribo	5 49	55 9	4	1013·1	1013·5	..	302·6	304·2	19th	295·3	293·4	7th	299·0	..	*298·4*	98	−200
833	Cayenne	4 56	52 21	6	..	..	..	302·7	304·8	11th	296·3	294·2	27th	299·5	+0·2	*300·4*	538	− 18
834	Conakry	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	239	+ 51
835	Sierra Leone	8 30	13 9	68·3	1002·6	1010·4	−1·3	306·0	311·6	7th	295·7	292·8	4th	300·9	+0·8	..	164	−132
836	Cape Coast Castle	5 5	1 13	..	..	..	..	303·6	..	..	295·9	..	..	299·8	−0·3	..	98	− 92
	Accra	5 35	W 0 6	18	..	..	..	303·8	..	..	291·6	..	..	297·7	−2·0	..	121	− 25
837	Lagos	6 22	E 3 28	7·6	..	1011·1	+0·1	303·8	305·3	..	297·4	295·2	..	300·6	+0·3	..	201	− 66
838	Zungeru	9 48	6 10	130	..	1009·8	−1·4	307·8	310·8	18th	296·3	292·6	28th	302·1	+0·2	..	40	− 69
838*a*	Libreville	0 23	9 26	35	..	..	..	304·8	306·4	25th	293·7	292·0	7th	299·3	−0·3	..	394	+129
839	Yola	9 12	12 30	259	..	..	..	308·8	311·9	2nd	297·7	293·6	24th	303·3	+0·8	..	83	− 34
841	Kafia Kingi	9 22	24 18	596	945·9	..	..	..	..	..	294·7	293·0	17th, 25th	..	..	..	44	..
842	Wau	7 42	28 3	440	..	1009·8	−0·1	306·5	311	17th, 21st	294·7	292	30th	300·6	+1·2	..	60	− 83
843	Entebbe	0 5	32 29	1171	882·9	..	−1·0	298·8	301·3	28th	290·4	289·3	2nd	294·6	+0·2	*293·6*	270	+ 60
844	Nandi	0 2	35 5	2010	..	..	..	298·9	300·0	sev. dates	287·9	287·0	sev. dates	293·4	..	..	282	+ 64
845	Harrar	9 42	42 30	1856	..	..	..	..	..	..	..	..	..	..	..	..	157	..
851	Cothin	10 0	76 21	2·7	1009·1	1009·3	−0·2	306·0	307·3	4 dates	298·7	296·2	30th	302·4	+0·7	*301·8*	249	− 40
852	Colombo Observatory	6 54	79 53	7·3	1007·5	1008·3	−0·2	303·7	304·4	20th	297·8	295·1	22nd	300·8	−0·7	*300·2*	185	− 84
853	Candy	7 18	80 40	504·5	..	..	..	303·8	306·4	26th	294·5	290·9	22nd	299·2	+0·4	..	102	− 38
855	Medan	3 35	98 41	23·5	..	1008·7	−0·9	..	..	..	..	..	..	..	..	..	162	− 19
856	Kota Radja	5 32	95 20	7·1	..	1009·6	−0·1	..	..	..	..	..	..	..	..	..	117	− 41
857	Penang	5 34	100 20	5·0	1006·9	1007·5	−1·8	304·6	308·0	28th	296·3	295·2	13th	300·5	−0·6	..	410	+127
858	Singapore	1 17	103 51	2·2	1008·9	1009·1	−0·6	304·7	306·6	11th	297·2	296·2	15th	300·9	+0·1	..	199	+ 26
860	Sandakan	5 49	118 12	..	..	..	..	303·7	..	..	296·6	..	..	300·1	−1·0	..	205	+ 62
861	Tagbilaran	9 38	123 51	26·2	..	1008·5	−0·1	305·1	306·7	4th, 12th	296·7	295·7	1st	300·9	−0·5	300·3	16	− 91
862	Surigao	9 48	125 29	6	..	?1009·0	?+0·2	?304·4	..	..	?296·8	..	..	?300·6	?+0·1	?300·3	?145	?+29
863	Yap	9 29	138 8	31·9	..	1008·5	..	305·1	306·2	10th, 15th	297·6	296·4	3rd	301·4	..	..	107	..
869	Uyelang	9 42	161 2	<10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

MAY—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1010·6	1011·6	+2·1	305·9	306·9	1, 2, 26	297·9	296·3	20th	301·9	+0·5	*301·1*	167	+ 87
906																		
923	Manaos	3 8	59 59	44·9	1004·4	1009·5	+1·0	..	305·2	..	..	295·0	..	299·5	−1·4	..	374	+252
929	Quixeramobim	5 16	39 15	207·0	988·9	1012·5	+0·9	..	303·6	..	..	293·7	..	298·6	−1·0	*298·5*	154	..
930	Fernando Noronha	3 51	W32 25	95	999·8	1010·8	−0·4	..	301·8	..	..	294·4	..	298·6	..	..	416	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	306·4	308·2	10th, 14th	292·9	291·1	24th	299·7	−0·1	..	239	+ 96
940	Loango	4 38	11 50	? 50	..	..	..	302·9	304·5	7, 8, 14	296·3	293·5	26th	299·6	..	*299·1*	302	..
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
944	Nairobi	1 18	36 59	1660	..	..	..	294·8	298·0	28th	286·1	283·6	30th	290·4	−0·3	..	131	− 9
944*a*	Zanzibar	6 10	39 11	21·9	1012·3	1014·7	−1·3	301·2	302·9	15th	297·4	295·5	24th	299·3	+0·2	*298·9*	284	− 6
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	304·9	305·2	6th	296·9	295·2	23rd	300·9	..	..	414	−213
947	Seychelles	4 37	55 27	4·6	..	1010·5	−1·3	302·6	303·5	..	299·3	297·3	..	301·0	+0·8	..	69	− 90
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1009·7	−1·0	303·8	305·0	12th	296·2	295·0	10th	300·0	..	299·4	333	+ 14
957	Batavia	6 11	106 50	8	1008·5	1009·4	−0·1	303·4	305·3	11th	296·6	295·2	28th	300·0	+0·2	299·7	147	+ 30
958	Pontianak	0 1	109 20	2·6	..	1009·6	+0·6	303·9	306·7	11th	296·4	294·6	2nd	300·2	..	299·3	422	+152
959	Passeroean	7 38	112 55	5·0	..	1009·5	−0·4	..	..	..	..	..	..	..	..	..	31	− 49
960	Kajoemas	7 56	114 9	950	..	..	..	296·1	297·5	9th	290·7	289·2	26th	293·4	..	292·8	68	− 74
961	Koepang	10 10	123 34	3·3	..	1011·2	+1·2	303·4	306·3	1st	294·3	290·9	26th	298·9	..	298·4	0	− 37
962	Ambon	3 42	128 10	4·2	..	1009·6	+0·4	301·4	304·5	7th	296·5	294·8	23rd	299·0	+0·2	298·4	1408	+880
965	Daru	9 4	143 13	8	..	1011·1	+0·1	301·6	..	..	297·7	..	..	299·7	+0·2	..	306	+ 22
966	Port Moresby	9 29	147 9	39	..	1010·9	+0·1	302·9	..	..	297·6	..	..	300·3	+0·2	..	85	+ 11
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	321	− 15
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1008·4	1008·6	−0·7	304·5	306·9	3rd	297·7	296·3	14th	301·1	+0·7	..	200	+ 12
970	Ocean Island	0 52	169 36	25·6	1004·5	1007·4	−0·8	304·3	305·2	7, 25, 27	297·2	295·2	19th	300·8	−0·1	*300·1*	46	−120
		S.	E.															

MAY—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																		
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	1011·3	1015·5	−0·9	300·8	303·6	20th	292·7	288·6	30th	296·7	−0·8	..	92	− 62
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1007·2	1012·6	+0·7	303·8	305·7	13th	296·7	292·8	23rd	300·3	..	..	120	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	1013·4	1014·6	+1·2	296·1	299·0	sev. dates	287·2	283·2	28th	291·7	+0·7	*291·3*	0	..
1022	Arequipa	16 22	71 33	2451	762·1	..	−0·3	292·7	295·2	4th, 23rd	281·3	277·4	27th	287·0	0·0	*287·3*	0	− 5
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	727·1	..	..	296·0	301	21st	278·7	276	12th	287·4	−2	..	0	− 5
1025																		
1026	Cuyaba	15 36	56 0	235	992·9	1019·9	−0·4	302·0	305·1	..	294·6	292·1	..	298·3	+0·3	..	73	+ 19
1027	Bello Horizonte	19 55	43 56	857·0	921·2	1018·3	..	298·9	300·2	1st	282·7	279·6	31st	290·8	..	..	0	..
1028	Cætite	14 2	42 37	900	914·0	1013·9	..	..	305·8	..	..	286·9	..	295·1	..	..	4	..
1029	Ondina	13 12	38 30	46·6	1009·1	1014·5	..	..	..	..	304·7	293·1	..	298·4	..	..	308	..
1030	Aracaju	10 55	37 4	4·3	1013·5	1014·0	..	..	..	..	304·5	..	..	299·3	..	..	235	..
1035	St. Helena	15 57	W 5 40	632	944·5	1015·9	−3·1	294·6	299·1	10th	287·8	286·3	30th	291·2	+0·8	*291·0*	163	+ 58
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	860·5	..	−1·8	295·9	300·7	..	282·2	278·4	..	289·1	+0·8	..	18	+ 15
1043	Salisbury, Rhodesia	17 49	31 3	1487	858·7	..	0·0	295·9	299·7	..	281·9	278·0	..	288·9	+0·1	..	21	+ 16
1044	Zomba	15 23	35 18	954	909·6	1016·6	+0·2	297·2	298·6	29th	287·2	285·8	31st	292·2	+0·4	*290·6*	68	+ 45
1045	Tamatave	18 9	49 26	4	1016·7	1017·1	−0·5	302·8	305·2	15th	295·2	293·6	6th	299·0	+2·4	..	233	− 14
1046	Tananarivo	18 55	47 32	1400	866·4	..	+0·1	296·8	298·8	19th	285·8	282·5	1st	291·3	+0·1	290·4	38	+ 26
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1012·0	+0·7	301·9	303·3	8th	298·1	295·8	29th	300·0	−0·3	..	70	−119
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1008·1	1008·7	+0·2	303·6	304·7	..	297·0	295·8	..	300·3	−0·1	..	192	− 84
1058																		
1061	Derby	17 18	123 40	16·2	..	1015·7	+2·5	303·0	307·7	3rd	290·5	284·3	31st	296·8	−1·3	..	0	− 25
1062	Hall's Creek	18 13	127 46	373·6	..	1017·7	+2·5	298·7	305·8	2nd	281·8	276·1	29th, 30th	290·3	−4·2	..	17	+ 5
1063	Port Darwin	12 28	130 51	29·6	..	1012·4	+1·6	303·0	307·2	1st, 3rd	293·4	288·7	29th	298·2	−2·5	*297·0*	1	− 19
1064	Daly Waters	16 16	133 23	210·6	..	1013·0	..	301·0	308·0	1, 3, 4	286·3	280·8	18th, 19th	293·7	−3·1	*293·0*	0	− 4
1065	Mein	13 13	142 57	121·9	..	1010·6	..	301·8	304·0	30th	293·0	286·7	20th	297·4	..	..	9	− 5
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	300·6	303·6	24th	286·9	278·6	16, 20, 21	293·7	..	..	19	+ 5
1067	Samarai	10 37	150 40	6·4	..	1009·2	−1·7	..	..	..	297·3	..	..	..	..	..	423	+114
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1014·4	0·0	299·5	302·4	9, 19, 20	294·3	292·4	7, 29, 31	296·9	−0·8	..	137	−111
		S.	E.															

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MAY—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	299·3	301·9	9th	292·5	288·6	31st	295·9	..	..	228	+ 65
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1009·5	1013·0	..	296·4	299·1	3rd, 4th	290·5	285·7	29th	293·5	..	*292·9*	185	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1017·4	1020·4	+3·8	289·8	294·3	31st	283·5	281·0	24th	286·7	+0·2	*286·5*	0	− 35
1122	Puerto de Antofagasta	23 39	70 25	5	1015·1	1015·7	+1·3	297·2	298·6	1st, 3rd	285·0	284·3	18th, 28th	291·1	−0·3	*291·2*	0	− 3
1125	Goya	29 9	59 15	64	1011·1	1018·8	−0·3	296·5	305·0	3rd	287·6	280·0	9th	292·1	+1·8	*291·2*	93	+ 25
1126	Porto Alegre	30 2	51 13	15	1017·6	1019·4	..	296·5	303·6	3rd	286·1	283·0	11th	291·3	..	..	40	− 54
1127	Curityba	25 26	49 16	908	916·1	1019·3	−0·2	293·9	300·0	..	282·0	277·3	..	288·0	+1·1	*287·7*	48	− 67
1128	Rio de Janeiro	22 54	W43 10	64	1010·1	1017·6	+0·4	298·3	304·5	..	292·7	290·5	..	295·5	−0·2	*295·3*	41	− 49
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141																		
1142	Johannesburg	26 11	28 4	1874	..	..	..	290·4	295·5	19th	280·6	273·2	24th	285·5	+0·1	*285·1*	2	− 16
1142*a*	Kimberley	28 42	28 47	1202	884·7	..	−1·5	294·0	300·3	8th	278·5	270·1	20th	286·3	−0·1	285·6	0	− 22
1143	Pretoria	25 45	28 11	1338	871·4	..	−1·0	295·7	300·8	9th	277·9	270·6	20th	286·8	−3·0	..	3	− 8
1144	Durban	29 51	31 0	14·3	1015·8	1017·5	−3·3	295·1	298·0	16th	288·7	284·7	30th	291·9	−1·0	..	25	− 18
1147	Lorenzo Marques	25 58	32 36	59	..	1017·1	−2·1	300·5	308·9	18th	289·4	284·7	25th	294·9	+0·9	294·4	8	− 23
1148	Mauritius	20 6	57 33	54·3	1009·8	1016·2	0·0	298·8	300·4	14th	292·1	288·2	18th	295·5	−0·1	295·1	58	− 25
1159	Onslow	21 43	114 57	4·3	..	1017·0	+2·3	302·1	308·2	1st	285·9	280·2	31st	294·0	−1·0	..	0	− 44
1160	Peak Hill	25 38	118 47	588·3	..	1019·7	+3·0	296·3	301·6	5th	284·1	277·3	31st	290·2	−0·3	..	1	− 69
1161	Nullagine	21 53	120 5	385·6	..	1019·2	+3·7	298·7	305·8	1st	284·3	279·7	31st	291·5	−1·7	..	0	− 15
1162	Laverton	28 40	122 23	466·3	..	1024·6	+5·7	293·8	297·9	22nd	280·8	275·4	30th	287·3	−1·5	..	4	− 29
1163	Alice Springs	23 38	133 37	587·0	..	1020·6	+2·3	292·3	299·0	2nd	277·2	272·6	28th	284·8	−3·6	*284·7*	0	− 16
1164	William Creek	28 55	136 21	76·2	..	1022·8	..	292·7	298·0	2nd	279·0	275·8	11th, 15th	285·8	..	*285·6*	4	− 8
1165	Boulia	22 55	139 38	145·7	..	1017·7	..	296·6	304·8	3rd	283·2	277·5	30th	289·9	..	..	1	− 8
1166	Mitchell	26 32	147 52	337·1	..	1017·8	..	292·4	300·8	3rd	280·4	272·4	31st	286·4	..	..	82	+ 38
1167	Rockhampton	23 24	150 30	11·3	..	1016·0	..	296·9	302·4	5th	286·4	281·3	19th	291·7	..	..	88	+ 46
1168	Brisbane	27 28	153 2	41·7	..	1016·1	−3·0	294·8	300·2	4th	286·8	283·8	8th	290·8	−0·2	..	161	+ 82
1169	Noumea	22 16	166 27	9	..	1013·7	..	301·6	303·4	14, 29, 30	292·7	289·8	21st	297·2	+1·9	..	34	− 81
1170	Norfolk Island	29 4	167 58	..	1012·7	..	..	..	..	..	..	..	..	..	..	..	..	..
		S.	E.															

MAY—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	1016·7	1017·9	−0·9	290·9	294·1	23rd	286·2	282·5	20th	288·6	−0·1	..	279	+109
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1012·3	1017·1	+0·4	291·0	296·3	20th	283·4	279·7	12th	287·2	−0·5	*286·6*	39	− 50
1222	Santiago	33 27	70 42	520	957·0	1018·0	+0·7	291·9	297·3	21st	278·4	275·4	sev. dates	285·2	+1·1	284·2	39	− 19
1223	Cordoba	31 25	64 12	439	964·8	1015·7	−2·8	295·4	304·0	1st	282·3	272·0	12th	288·8	+2·1	288·1	7	− 14
1224	Buenos Ayres	34 16	64 11	25·2	1013·4	1016·4	−0·2	292·2	296·8	1st	283·6	276·3	21st	287·9	+1·2	*287·6*	137	+ 60
1225	Rio Grande	32 2	52 6	2·3	1016·4	1016·7	0·0	294·3	299·8	1st	288·7	283·6	8th	291·5	+2·2	..	57	− 12
1226	Montevideo	34 55	W56 13	29·3	..	1016·2	+0·7	..	298·4	1st	..	281·4	28th	..	+3·1	289·3	208	+112
1239	Cape Town	33 56	E18 29	12	1015·3	1016·7	−1·2	293·3	304·6	1st	284·8	277·7	24th	289·1	+1·3	*287·6*	62	− 39
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	73	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	295·8	307·4	4th	280·7	274·7	25th	288·2	+3·5	..	36	− 11
1242	East London	33 2	27 55	10·1	1014·4	1015·6	−2·5	295·7	305·8	16th	284·7	280·2	27th, 30th	290·2	+0·2	..	101	+ 59
1259	Perth (Observatory)	31 57	115 51	60·0	..	1023·7	+5·2	294·9	301·6	6th	283·9	278·6	23rd	289·4	+0·5	..	28	−100
1260	Katanning	33 42	117 35	309·7	..	1023·5	+5·2	291·9	298·2	6th	280·5	274·2	29th	286·2	+0·4	..	17	− 38
1261	Coolgardie	30 57	121 10	423·3	..	1024·7	+5·3	292·4	297·2	21st	280·9	276·3	28th	286·7	−0·5	..	16	− 17
1262	Eucla	31 45	128 58	4·6	..	1025·0	+5·8	291·8	297·8	22nd	282·9	278·0	31st	287·4	−1·6	..	36	+ 5
1263	Streaky Bay	32 48	134 13	13·1	..	1025·7	+4·9	291·3	294·4	2nd	280·8	276·3	30th	286·1	−1·6	..	33	− 18
1264	Adelaide	34 56	138 35	42·7	..	1024·6	+4·5	290·2	292·7	23rd	282·0	278·1	10th	286·1	−1·1	*285·9*	28	− 44
1265	Melbourne	37 49	144 57	35·1	..	1021·9	+2·4	287·9	294·1	1st	281·2	272·9	29th	284·6	−0·6	*284·3*	79	+ 25
1266	Bourke	30 13	145 58	110·1	..	1021·5	+0·6	290·6	300·2	1st	280·9	273·3	30th	285·8	−2·8	..	47	+ 20
1267	Sydney	33 51	151 13	44·5	..	1018·1	−0·6	290·3	294·7	3rd	284·2	279·1	28th	287·3	−0·4	..	378	+250
1268	Lord Howe Island	31 32	159 4	..	..	..	..	293·6	295·7	5th	288·6	285·2	22nd	291·1	..	..	376	+240
1271	Auckland	36 50	174 50	38·1	..	..	..	287·4	289·4	7th	281·2	277·4	23rd	284·3	−2·5	..	111	+ 1
1272																		
		S.	E.															

MAY—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	103·6	..	1001·8	−7·2	283·9	288·6	twice	278·8	274·1	31st	281·4	−1·9	..	266	+184
1302																		
1321	Punta Corona	41 51	73 50	25	1004·7	1007·7	−5·8	284·7	287·7	24th	279·8	277·3	18th	282·3	−0·5	*282·6*	319	+ 40
1322	Punta Galera	40 1	73 44	40	1010·6	1015·5	+1·4	285·8	288·0	1st	281·4	278·0	19th	283·6	−0·4	*283·9*	351	+ 21
1323	Bahia Blanca	38 45	W62 12	20	1012·8	1015·2	+3·1	290·3	296·0	16th	281·3	273·1	27th	285·8	+1·0	*285·1*	31	0
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1019·9	+4·2	286·1	290·2	12th	279·2	273·8	30th	282·7	−0·6	*282·1*	4	− 44
1366	Launceston	41 27	147 10	9·4	..	1020·3	+3·6	288·1	290·5	3rd	277·1	270·2	28th	282·6	+0·1	..	14	− 52
1369	Dunedin	45 52	170 31	76	..	1006·9	−5·4	283·7	292·4	28th	276·8	273·6	9th	280·3	−0·9	..	92	0
1371	Christchurch	43 32	172 38	7·6	..	1008·9	−4·8	283·7	293·2	29th	274·8	268·8	31st	279·3	−2·8	..	76	+ 17
1372	Wellington	41 16	174 46	2·4	..	1008·4	−5·9	285·6	289·2	26th	278·9	274·1	22nd	282·2	−2·4	..	300	+177
		S.	E.															

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MAY—ZONE 14.

Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	988·8	995·5	−1·3	281·5	282·6	9th	275·2	272·6	20th	278·4	−0·6	*277·8*	294	+ 68
1422	Puerto de Punta Arenas	53 10	70 54	4	992·4	992·9	−6·8	278·5	282·8	3rd	273·7	271·1	18th, 21st	276·1	−1·4	*275·8*	69	+ 29
1423	Punta Dungeness	52 24	68 25	5	993·0	993·6	−8·0	279·9	284·0	9th	275·0	271·0	24th	277·5	−0·3	*277·2*	9	..
1425	Cape Pembroke	51 41	57 42	15	993·7	996·1	−4·4	280·1	281·9	2, 10, 17	273·4	270·8	21st	276·8	+0·3	*277·7*	..	− 5
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	59	+180
1429	S. Georgia (Cumberland Bay)	54 14	W36 34	3·7	998·4	998·9	+4·7	277·8	284·0	18th	271·4	265·5	7th	274·6	+0·4	*274·3*	335	..
1467	Macquarie Is.	54 30	E158 57	9	..	999·6	−1·2	277·5	278·9	25th	274·3	270·8	28th	275·9	..	275·9	..	..
		S.	E.															

MAY—ZONE 15.

Between Latitude 60° S. and 70° S.

1527	South Orkneys	S. 60 44	W. 44 39	6·9	984·9	985·8	−5·8	..	276·0	..	..	253·9	..	..	+2·6	269·0	39	+ 3
1528		°	°	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—MAY 1913

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.
1	SE by S	3·3	..	..	W 2	SW 5	E 2	Calm 0	E 2	NE 1	E 1	Calm 0
2	SE	2·1	..	..	W 2	SW 3	E 2	E 1	E 1	NE 1	E 1	E 2
3	S	2·5	..	..	Calm 0	W 2	E 3	NE 2	WNW 2	ENE 1	Calm 0	Calm 0
4	SE by S	3·3	..	..	NE 2	SW 3	NE 3	NE 1	ESE 1	E 1	Calm 0	Calm 0
5	SE by S	3·8	..	..	NE 2	SW 2	NE 3	NE 1	ESE 2	ESE 1	Calm 0	SW 2
6	SE by S	7·9	..	..	NW 2	W 3	NE 4	NE 2	NE 1	E 1	ENE 2	Calm 0
7	SE	10·0	..	..	NE 6	W 4	NE 3	NE 1	SE 2	ENE 1	NE 1	Calm 0
8	SSE	12·9	..	..	Calm 0	Calm 0	E 2	E 1	ESE 1	NE 1	NE 1	Calm 0
9	SE by S	4·6	..	..	W 2	SW 2	E 4	E 1	Calm 0	NW 1	NE 1	NE 1
10	S by E	3·3	..	..	W 3	SW 2	NE 3	E 2	ESE 3	NE 1	NE 1	Calm 0
11	SSE	6·3	..	..	W 2	W 2	NE 4	Calm 0	ESE 1	NE 2	NE 1	N 1
12	SE by S	3·3	..	..	E 2	SW 4	E 4	NE 3	ESE 6	SE 1	SE 2	SW 5
13	SE by S	1·3	..	..	N 4	SW 4	N 5	E 4	ENE 1	ESE 2	ESE 2	E 4
14	SSE	5·0	..	..	N 3	Calm 0	E 4	NE 3	E 2	NNW 1	N 1	E 3
15	SE	5·0	..	..	NE 4	W 2	E 4	E 3	E 2	NE 1	N 1	NE 3
16	SE by S	6·3	..	..	NE 4	W 4	E 2	NE 2	ESE 5	NE 1	N 1	E 2
17	SE by E	7·5	..	..	E 4	SW 2	Calm 0	E 3	ESE 1	NE 1	Calm 0	Calm 0
18	SE by E	8·3	..	..	NE 2	N 2	NE 1	Calm 0	Calm 0	E 2	Calm 0	SW 2
19	..	..	..	..	NE 2	SW 2	SE 2	Calm 0	NE 1	Calm 0	W 2	Calm 0
20	..	..	..	..	Calm 0	SW 3	SE 2	Calm 0	SE 2	W 1	Calm 0	Calm 0
21	SE	4·6	..	..	W 2	S 2	SE 3	SE 2	SE 1	E 1	Calm 0	E 1
22	..	..	..	..	Calm 0	W 2	NW 3	SE 1	ESE 3	NE 1	Calm 0	Calm 0
23	SE by S	4·6	..	..	NE 1	W 4	NE 2	E 1	ESE 2	E 2	E 1	SE 4
24	SE by S	3·3	..	..	SW 2	SW 4	E 2	N 2	E 1	E 1	Calm 0	E 2
25	SE by S	3·8	..	..	Calm 0	W 3	NE 3	NE 2	NE 1	E 2	E 3	E 2
26	SE by S	7·1	..	..	Calm 0	SW 2	E 2	E 3	ESE 1	E 2	E 3	NE 2
27	SE	7·1	..	..	Calm 0	SW 2	NE 4	E 2	Calm 0	E 4	Calm 0	Calm 0
28	..	..	..	..	Calm 0	S 3	NE 2	E 2	NW 1	S 1	Calm 0	SE 3
29	..	..	..	..	N 2	SE 2	NE 2	NE 1	Calm 0	E 1	Calm 0	SE 3
30	..	..	..	..	Calm 0	SW 3	SE 3	NE 2	SE 5	E 1	E 1	E 3
31	SSE	..	..	..	NE 6	Calm 0	NE 1	E 1	ESE 7	E 3	E 2	NE 2
Mean for Month	..	5·3	..	..	2·0	2·5	2·7	1·6	1·9	1·3	0·9	1·5
Deviation from Normal	..	−0·8	..	..	..	..	−0·3	..	..	−1·1		−0·6

* Direction and velocity in the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—MAY 1913.

**Barents Sea, etc.*—" Archangel became open on May 3rd, the normal time being near the end of May; there was fairly open pack-ice from Cape Sviatoj to Cape Kanin. N. of Cape Kanin the ice was normal, but S. of Spitsbergen it extended very far S. The ice-covered area was 1084×10^3 sq. km., compared with 1035×10^3 for normal. The *Kara Sea* was ice-covered, as usual in May."

**Spitsbergen.*—" There was a broad belt of heavy ice from South Cape, narrowing N. along the W. coast to Prince Charles Foreland, which is normal for May."

**Greenland Sea.*—" The Storis was closely massed off Angmagsalik. The area of the Greenland Sea ice-covered was 990×10^3 sq. km., compared with 1069×10^3 for normal. The coasts of *Iceland* were ice-free, which occurs in May in less than half the years."

North Atlantic and Labrador.—" There was very little field-ice, but numerous icebergs, their limits being 42½° N., 40° W., the extremes for 1901–10 being 38° N., 39° W."

**Davis Strait, Baffin Bay.*—" Storis lay close inshore from Cape Farewell to Nunarsuit and offshore as far as Ivigtut; N. of this there was scattered ice with icebergs. Normally the ice lies close inshore, as far N. as Godthaab."

**Bering Sea.*—" Bristol Bay became open during the first days of the month, which is normal. The coast-ice left Nome on the 15th."

* *Ieforholdene i de arktiske Have, 1913*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, JUNE 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JUNE 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

JUNE—ZONE 1.

Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1007·2	1009·4	−2·3	281·1	290·3	26th	273·1	267·7	12th	277·1	+1·5	*276·4*	4	− 7
126																		
139	Spitsbergen	78 2	E 14 14	11·4	1007·9	1009·4	−3·3	..	277·6	25th	270·9	262·2	3rd	..	..	273·2	9	..
140																		
141	Giesvaer	71 6	25 22	6·5	1011·6	1012·4	−0·7	..	289·0	16th	276·1	272·9	5th	..	−1·6	*278·3*	65	+28
142	Mehavn	71 1	27 47	6·4	1011·6	1012·4	..	..	287·3	16th	276·3	272·7	5th	..	..	*278·3*	37	− 2
143	Vardö	70 22	31 8	10·0	1011·8	1013·0	−0·3	..	284·9	16th	276·0	272·2	10th	..	−0·6	*278·0*	35	+ 2
144																		
147	Malye Karmakouly	72 23	52 43	14·8	1005·9	1007·8	−3·5	..	279·0	13th	..	..	..	272·8	−1·5	*272·4*	3	−16
148		N.	E.															

JUNE—ZONE 2.

Between Latitude 70° N. and 60° N.

203	Nome	N. 64 30	W. 165 24	4·6	1011·2	1011·8	..	289·4	298·6	23rd	280·1	272·4	2nd	284·8	..	..	8	..
204																		
205	Tanana	65 12	152 0	?	1000·0	..	..	298·0	303·6	25th	280·5	274·1	2nd	289·3	..	..	5	..
206																		
207	Valdez	61 6	146 13	3·1	1011·8	1012·2	..	290·9	296·9	8th	278·8	272·4	1st	284·9	..	..	16	..
208	Eagle	64 46	141 12	248·4	977·6	1008·1	..	297·5	304·1	22nd	275·3	269·1	7th	286·4	..	..	9	−29
209	Dawson	64 4	139 20	328	..	..	..	..	..	..	..	..	..	..	..	..	..	..
210	Carcross	60 11	134 34	662	..	..	..	291·4	297·4	20th	278·6	271·9	1st	285·0	..	..	26	..
211																		
212	Fort Simpson	61 52	120 43	129	998·4	1013·9	..	295·1	306·9	21st	279·9	274·1	15th	287·5	+1·4	*288·4*	13	−40
213	Hay River	60 51	115 20	161	995·2	1014·9	..	287·2	296·3	17th	276·2	269·7	5th	281·7	−2·0	..	16	..
214	Fort Resolution	61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	1	..
225	Jacobshavn	69 13	51 2	12·6	1007·6	1009·1	−1·6	282·1	291·2	24th	276·3	271·2	8th	279·2	+0·8	*279·0*	5	−14
226	Godthaab	64 11	51 44	9·0	1004·7	1005·8	−3·8	..	..	..	274·9	271·4	2nd	..	+1·1	*278·5*	0	−36
229	Angmagsalik	65 37	37 34	31·7	1008·7	1012·6	+1·0	283·3	288·7	22nd	273·9	267·8	18th	278·6	..	*277·4*	29	..
230																		
231	Stykkisholm	66 5	22 46	11·3	1009·8	1011·2	+0·8	283·7	288·1	17th, 18th	278·2	273·5	2nd	281·0	−0·1	*281·0*	32	− 8
232	Vestmanno	63 26	20 15	7·7	1009·2	1010·0	−1·6	285·1	289·7	4th	279·1	275·9	1st, 3rd	282·1	−0·7	*281·4*	98	+ 1
233	Grimsey (Akureyri)	66 33	17 58	22·0	1011·2	1013·8	+2·4	281·8	293·1	20th	275·2	270·8	2nd	278·5	+0·1	*278·4*	11	−12
234	Berufjord	64 40	14 19	18·0	1009·5	1011·7	−1·0	283·7	292·2	16th	276·8	272·0	11th, 12th	280·3	−0·1	*279·9*	16	−55
235	Thorshavn	62 3	6 45	25·7	1006·6	1009·7	−4·6	284·5	287·5	30th	279·8	274·6	12th	282·2	−0·3	*282·3*	51	−28
236	Lerwick	60 9	W 1 8	18·0	1011·4	1013·5	−0·5	285·1	289·7	20th	281·1	276·3	13th	283·1	+0·2	*282·3*	42	..
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1007·9	1013·2	−0·6	..	297·7	21st	282·3	277·7	13th	..	−0·1	*285·7*	78	−15
238	Christiansund	63 7	7 45	17·8	1011·5	1013·7	0·0	..	291·6	3rd	281·3	277·4	13th	..	−0·5	*283·7*	16	−35
239	Trondhjem	63 26	10 25	39·5	1009·0	1013·8	+0·5	..	299·4	6th	280·9	274·8	13th	..	0·0	*284·9*	34	−12
240	Bodö	67 17	14 24	20·5	1010·7	1013·2	0·0	..	286·9	22nd	279·0	273·8	12th	..	−1·5	*281·6*	78	+25
241	Haparanda	65 50	24 9	9·2	1009·1	1010·2	−2·2	289·0	295·0	22nd, 30th	279·4	275·0	11th, 13th	284·2	−0·3	*284·4*	25	− 9
242	Helsingfors	60 10	24 57	11·7	..	1011·0	−1·0	..	296	..	..	277	..	286·7	−0·7	*286·2*	38	− 4
2429	Kuopio	62 54	27 40	99·7	..	1011·0	−1·8	..	296	..	..	277	..	286·9	−0·6	*286·3*	76	..
243	Kola	68 53	33 1	6·7	1011·4	1012·2	0·0	284·4	293·5	16th	275·8	271·2	11th	280·1	−2·1	*280·0*	18	+ 1
244	Petrozavodsk	61 47	34 23	38·9	..	1009·9	−2·6	..	297·2	2nd	..	..	..	285·8	−1·3	*285·3*	..	..
245	Arkhangelsk	64 33	40 32	6·7	..	1009·5	−2·5	..	297	..	..	272	..	283·1	−2·5	*282·6*	67	+29
246	Velsk	61 5	42 7	? 83	998·4	1008·3	..	291·7	299·6	25th	280·2	271·1	1st	286·0	..	*286·6*	44	..
247	Oust-Tsylma	65 27	52 10	? 25	..	1008·2	−4·3	..	291	..	..	270	..	281·6	−2·5	*281·0*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	991·9	1006·8	..	..	299·6	13th	278·4	266·9	4th	284·6	..	*284·0*	97	..
249	Berezov	63 56	65 4	39·9	1001·9	1006·7	−4·9	..	300·7	13th	280·0	269·6	3rd	285·2	+1·2	*284·6*	80	+35
250	Obdorsk	66 31	66 35	23·7	1003·6	1006·4	−5·0	..	301·1	15th	277·4	268·2	3rd	282·2	+1·8	*281·6*	17	−22
251	Sourgout	61 15	73 24	? 40	1001·8	1006·5	−3·1	..	302·4	13th	281·9	272·6	6th	288·1	+2·9	*287·4*	54	−17
252																		
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	1004·6	1007·0	..	..	292·4	17th	273·1	259·9	1st	277·1	..	*276·7*	26	..
261																		
262	Olekminsk	60 22	120 26	? 135	989·2	1005·2	−1·4	..	306·3	30th	280·5	272·1	5th	288·6	+0·3	*288·1*	12	..
263	Iakoutsk	62 1	129 43	? 108	994·4	1007·2	−0·4	..	303·8	30th	280·2	271·1	4th	288·3	+0·2	*287·8*	19	− 6
264	Verkhoïansk	67 33	133 24	? 100	993·5	1005·5	+1·1	..	299·2	27th	277·9	268·6	2nd	283·4	−0·2	*285·0*	27	+11
	Oust-Maïskoe	60 25	134 29	? 100	..	..	..	..	301·0	..	276·8	269·5	..	287·0	..	*286·5*	1	..
272	Novo-Mariinskii Post	64 45	177 33	5·2	1011·6	1012·2	..	290·8	30th		273·8	269·5	5th	277·7	..	..	43	..
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JUNE—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation: Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1008·1	..	284·1	289·7	sev. dates	278·6	273·0	2nd	281·3	..	..	89	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	1009·5	1012·8	−0·3	288·9	293·0	19th	280·8	275·2	1st	284·9	+1·3	..	19	−65
310	Prince Rupert	54 18	130 18	52	..	1012·5	..	289·6	295·2	18th	283·1	279·7	9th	286·3	..	..	90	..
311	Barkerville	53 2	121 35	1274	..	1011·2	..	290·4	295·2	7th	277·2	271·3	17th	283·8	+1·1	*283·8*	51	−39
312	Kamloops	50 41	120 29	380	..	1010·8	−3·4	297·2	304·1	1st	284·1	277·9	17th	290·6	−0·2	*290·5*	66	−34
313	Calgary	51 2	114 2	1033	..	1010·3	+0·2	295·0	301·9	9th	280·8	276·3	21st	287·9	+2·0	*288·1*	99	+16
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	..	1011·9	+2·1	295·9	301·9	8th	282·1	274·7	3rd	289·0	+1·8	*289·4*	50	−17
316	Qu'Appelle	50 30	103 47	645	..	1012·8	+2·0	295·2	303·0	11th	282·6	273·6	6th	288·9	+1·1	*289·0*	131	+33
317	Minnedosa	50 15	99 50	518	..	1012·8	..	297·6	304·7	11th	283·7	271·9	3rd	290·6	+2·3	*290·3*	74	−12
318	Berens River	52 18	97 23	216	..	..	..	295·0	302·4	..	281·6	271·9	..	288·3	..	*287·8*	34	..
318a	York Factory	57 0	92 28	11	1010·2	1011·5	−2·7	..	..	..	274·2	267·4	4th	..	..	..	..	..
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	1013·4	1014·5	..	293·9	306·9	30th	277·9	270·2	5th	285·9	0·0	..	45	−18
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1007·7	..	..	285·4	299·7	26th	273·4	268·6	6th	279·4	..	..	71	..
326	Point Riche	50 42	57 25	10·7	..	..	..	..	286·9	..	..	274·7	..	280·6	−0·7	..	64	−10
327	Belle Isle	51 53	55 23	133	991·8	1008·3	−7·0	277·9	282·4	20th, 21st	273·3	270·2	1st	275·6	−3·3	..	109	−1
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1017·4	1019·0	+3·0	288·6	293·6	29th	283·1	277·4	1st	285·9	−1·0	285·7	96	+5
335	Aberdeen	57 10	2 6	27·4	1011·4	1014·7	−0·6	288·8	293·0	28th	282·1	278·6	13th	285·5	+0·3	285·7	35	−12
336	Greenwich	51 28	W 0 0	48·5	1013·1	1018·9	+2·7	294·9	303·6	17th	282·5	278·6	1st	288·7	+0·6	..	19	−33
337	Uccle	50 48	E 4 22	100	1007·5	1019·6	+3·4	292·8	303·2	17th	283·1	280·0	1st	288·0	−1·1	287·6	77	+8
338	De Bilt	52 6	5 11	3·0	1018·4	1018·8	+2·5	292·2	302·4	18th	283·2	277·8	13th	287·7	−0·8	287·3	111	+50
338a	Hamburg	53 33	9 59	26·0	1014·4	1017·5	+2·4	292·4	299·1	18th	284·8	279·0	14th	288·6	−0·5	*288·4*	40	−34
339	Copenhagen	55 41	12 36	5·0	1015·0	1015·6	+1·6	290·6	294·2	6th	284·2	279·6	12th	287·4	−0·5	*287·5*	35	−10
340	Potsdam	52 23	13 4	84·9	1007·1	1017·3	+2·2	294·4	301·4	18th	283·8	276·6	14th	289·1	−0·6	288·7	48	−9
340a	Upsala	59 51	17 38	24·0	1009·1	1011·9	−0·7	292·3	299·2	17th	280·4	275·5	13th	286·4	−0·2	286·8	75	+27
341	Warsaw	52 15	21 1	120	..	1016·2	+2·3	..	300	..	..	278	..	288·4	−2·3	*288·0*	39	−29
342	Jurjev	58 23	26 43	74·5	..	1011·6	−0·9	..	299	..	..	274	..	287·4	−1·3	*286·7*	35	−20
343	Petrograd	59 56	30 16	4·8	..	1010·3	−2·1	..	297	..	..	278	..	286·8	−1·4	*286·4*	54	+6
344	Kiev	50 27	30 30	182·9	..	1013·5	+0·8	..	301	..	..	278	..	289·1	−1·9	*288·4*	30	−33
344a	Moscow	55 45	37 34	156	..	1010·0	−2·0	..	299	..	..	277	..	288·0	−1·8	*287·6*	111	+58
345	Saratov	51 32	46 3	59·9	..	1011·0	+0·4	..	304	..	..	277	..	291·5	−1·8	*290·8*	30	−9
346	Kazan	55 47	49 8	79·8	..	1008·2	−3·0	..	301	..	..	276	..	289·3	−1·3	*288·9*	66	+9
347	Orenburg	51 45	55 6	114·1	..	1011·4	−0·6	..	304	..	..	278	..	291·0	−1·5	*290·3*	50	−1
348	Perm	58 1	56 15	163·0	..	1006·4	−3·1	..	300	..	..	275	..	287·8	−1·2	*287·1*	84	+19
349	Ekaterinburg	56 50	60 38	288·9	..	1007·4	−3·5	..	300	..	..	273	..	287·6	−0·6	*286·9*	79	+6
350	Tobolsk	58 12	68 14	108·3	994·4	1007·2	..	..	300·8	13th	283·3	274·9	4th	288·6	−0·3	*287·9*	59	−5
351	Akmolinsk	51 12	71 23	? 347	969·9	1010·2	−1·0	..	301·2	20th	283·2	274·6	8th	290·0	−1·5	*289·3*	59	+17
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	45	−7
353	Barnaoul	53 20	83 47	162·2	990·3	1009·3	−0·9	..	300·1	1st	284·4	277·5	9th	290·7	+0·3	*290·0*	71	+31
354	Tomsk	56 30	84 58	121·6	993·5	1007·9	−1·3	..	302·1	2nd	283·4	277·4	29th	289·9	+0·9	*289·2*	80	+5
355	Minousinsk	53 43	91 41	? 245	979·1	1007·5	..	..	303·3	14th	284·9	279·2	6th	292·1	..	*291·4*	35	−20
356	Eniseisk	58 27	92 11	84·4	997·9	1007·8	−2·6	..	300·9	1st	283·5	278·6	11th	290·7	+1·6	*290·0*	56	−7
357	Irkutsk	52 16	104 19	467·0	953·4	1007·1	−2·4	..	302·4	26th	281·5	277·1	14th	289·2	+0·5	*288·6*	51	+2
358	Kirensk	57 47	108 7	? 263	976·6	1007·2	..	..	304·7	24th	282·1	273·9	3rd	290·9	..	*290·3*	43	..
359	Tchita	52 2	113 30	663·7	929·2	1004·1	..	..	302·8	27th	281·5	275·6	16th	290·6	..	..	40	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	949·8	1006·3	..	..	305·3	28th	277·3	269·5	3rd	288·6	..	*288·0*	25	−36
360a	Nertchinsk	51 59	116 35	484·3	947·9	1002·9	..	..	304·0	27th	281·5	275·2	4th	291·6	+2·2	*291·1*	24	−41
361	Tygan Ourkan	54 5	124 46	? 359	963·0	1005·0	..	294·5	303·7	26th	276·5	265·8	4th	285·5	..	*286·2*	88	..
362	Blagoveshchensk	50 15	127 38	133·6	989·2	1005·0	..	..	301·0	24th	283·2	276·0	4th	288·1	−3·0	*287·6*	71	..
363	Paikanskii Sklad	50 11	130 7	? 145	..	..	..	..	300·7	26th	279·3	269·1	4th	287·1	..	*286·6*	? 28	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1005·0	1007·6	−1·9	..	294·0	29th	276·8	269·2	5th	282·7	−3·3	*282·2*	33	−9
366	Okhotsk	59 21	143 17	6·0	1007·8	1008·5	−4·2	281·6	293·3	26th	275·3	271·2	1st	278·5	−3·3	*278·0*	37	−10
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	997·9	1008·6	−0·7	281·6	291·4	15th	276·1	271·5	8th	278·9	−4·6	..	34	..
369																		
370																		
371																		
372																		
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

JUNE—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level at Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation: Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	..	1013·9	−2·3	293·8	298·6	2nd	283·1	279·3	6th	288·4	+2·1	287·6	27	+ 2
412	Portland, Oregon	45 32	122 41	46·6	1009·5	1014·5	−2·7	295·2	303·6	1st	285·2	281·3	5th	290·2	+0·9	*289·8*	108	+ 64
413	Macleod	49 44	113 24	954	..	..	..	296·4	303·6	10th	282·1	276·9	1st	289·2	+2·2	*289·4*	82	+ 57
414	Helena	46 34	112 4	1253	871·7	1011·2	−0·7	295·8	302·4	1st	283·0	278·6	15th	289·3	+0·4	*289·5*	67	+ 13
414a	Salt Lake City	40 46	111 54	1329	864·2	1009·5	−1·4	298·6	305·2	22nd	286·9	281·3	12th	292·7	−0·4	*293·4*	86	+ 66
415	Cheyenne	41 8	104 48	1856	813·8	1011·8	+1·4	296·3	304·1	16th	281·3	277·4	12th	289·0	−0·4	*289·3*	30	− 10
416	North Platte	41 8	100 45	859	916·7	1013·9	+2·7	300·8	310·2	27th	288·0	279·1	8th	294·4	+1·2	*294·5*	54	− 28
416a	Bismarck	46 47	100 38	510·6	954·3	1013·5	+2·0	299·7	310·8	28th	285·8	273·6	7th	292·6	+1·7	*292·7*	52	− 38
417	Winnipeg	49 53	97 7	231·6	..	1013·2	+1·4	298·0	305·9	24th	284·6	274·0	7th	291·3	+1·6	*290·5*	83	− 4
418	Duluth	46 47	92 6	345·1	975·6	1016·6	+3·4	294·1	304·1	15th	282·4	275·8	7th	288·2	+0·9	*288·1*	52	− 64
419	Port Arthur	48 27	89 12	196·3	..	1015·9	+1·7	295·7	305·2	15th, 30th	281·4	272·4	8th	288·6	+2·0	*288·5*	61	− 15
420	Chicago	41 53	87 37	250·9	988·5	1017·9	+3·4	299·1	310·2	30th	289·7	279·7	7th	294·4	+2·3	*294·2*	27	− 66
421	Toronto	43 40	79 24	106·7	..	1017·3	+3·1	297·9	307·8	16th	284·6	276·2	8th	291·2	+0·1	291·2	34	− 37
422	New York	40 43	74 0	95·7	1005·1	1016·2	+1·0	298·6	305·8	16th	288·6	281·3	9th	293·7	+0·4	294·2	36	− 46
423	St. John, N.B.	45 17	66 4	21·3	..	1014·2	−0·3	290·1	296·2	22nd	282·2	278·2	10th	286·1	−0·2	*285·6*	14	− 64
424	S. W. Point, Anticosti	49 24	63 35	12·2	..	1009·8	−2·4	288·0	298·0	20th	276·6	273·8	13th	282·3	−0·2	..	87	+ 28
425	Sable Island (Main Station)	43 57	60 6	7·6	1015·8	1016·7	..	286·4	292·4	..	279·9	276·9	..	283·2	..	..	35	..
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1009·1	−4·4	287·6	292·4	19th	277·8	273·6	2nd	282·7	−0·1	..	99	0
435	Madrid	40 24	3 41	655·4	944·6	1018·6	+2·8	305·9	312·2	12th	286·1	278·6	3rd	296·0	+2·2	295·7	35	+ 5
436	Nantes	47 15	W 1 34	41·4	1017·0	1022·0	+4·1	293·9	302·9	15th	283·8	280·8	9th	288·9	−1·2	*288·7*	40	− 16
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1014·8	1020·9	+4·1	293·9	302·7	16th	283·8	280·8	1st, 2nd	288·8	−1·1	*288·4*	26	− 28
438	Marseilles	43 18	5 23	75·0	1008·4	1017·3	+2·3	298·8	303·1	15th, 16th	287·8	284·1	8th	293·3	+0·4	*293·2*	11	− 15
438a	Zurich	47 23	8 33	493·2	962·9	1020·6	+3·3	..	301·2	17th	..	281·2	28th	..	−1·1	288·4	149	+ 15
439	Rome	41 54	12 29	63·4	..	1016·6	+0·8	300·1	304	14th	289·8	286	29th, 30th	295·0	+0·4	*295·2*	19	− 22
440	Vienna	48 15	16 22	202·5	992·7	1016·6	+2·0	294·1	300·7	4th	285·5	279·7	16th	289·8	−0·8	289·9	43	− 28
440a	Buda-Pesth	47 30	19 2	129·6	1000·8	1016·1	+2·0	297·0	303·9	5th	286·3	285·0	12th	291·7	0·0	*291·6*	57	− 19
441	Bucharest	45 25	26 6	82	1005·2	1014·9	+2·5	..	305·6	6th	..	278·9	17th	291·8	−1·4	..	87	+ 2
442																		
443	Odessa (University)	46 29	30 46	65·3	..	1015·5	+2·2	299·0	302·0	11th	287·0	278·7	16th	293·0	−0·8	*291·0*	17	− 41
444	Kharkov (University)	50 0	36 14	140	..	1013·4	+0·9	..	302	..	..	271·6	..	289·0	−3·1	*288·3*	121	+ 66
444a	Novorossiisk	44 40	37 49	37	..	1014·8	+1·3	..	300	..	..	280	..	291·9	−2·3	*291·3*	22	− 28
445	Tiflis	41 43	44 48	409	..	1015·1	+3·1	..	307	..	..	282	..	292·9	−1·8	*292·5*	43	− 25
446	Astrakhan	46 21	48 2	−14	..	1015·2	+3·1	..	302	..	..	279	..	293·2	−3·2	*292·7*	13	− 4
447	Fort Alexandrovsk	44 31	50 16	24	1010·7	1013·5	+1·9	..	306·5	29th	289·3	283·1	20th	293·9	..	*293·5*	3	− 9
448	Krasnovodsk	40 0	52 59	−15	..	1012·7	+1·4	..	305	..	..	287	..	296·9	−1·5	*296·3*	..	..
449	Tachkent	41 20	69 18	479·2	954·7	1008·7	+1·3	305·7	313·8	20th	288·6	284·1	27th	297·2	−1·4	*296·8*	1	− 7
450	Tourgay	49 38	63 27	? 130	996·6	1011·9	..	..	305·8	18th	286·0	279·2	8th	292·9	..	..	29	..
451	Narynskoe	41 26	76 2	?2015	795·4	..	..	..	299·2	21st	280·3	277·0	29th	287·4	−0·3	*286·6*	50	− 2
452	Vernyi	43 16	76 53	824·8	918·3	1010·2	+3·2	299·3	307·1	21st	..	..	..	293·5	−0·9	*292·7*	44	− 10
461	Mukden	41 48	123 23	43·8	998·5	1003·6	−0·7	298·7	303·9	13th	287·6	284·0	2nd	293·2	−1·2	292·9	97	+ 7
462	Joshin	40 40	129 11	4·0	1004·6	1005·1	−1·6	293·4	301·4	19th	286·8	282·8	6th	290·1	+0·8	289·7	130	+ 57
463	Vladivostok	43 7	131 54	26·8	1003·0	1006·2	−3·6	290·3	297·5	18th	284·2	280·8	6th	287·3	−0·7	*286·5*	156..	+108
464																		
465	Ochiai	47 20	142 44	6·6	1007·3	1008·1	..	285·7	296·3	3rd	276·8	271·3	6th	281·3	..	280·8	106	..
466	Nemuro	43 20	145 35	26·7	1005·3	1008·5	−1·9	284·4	294·8	11th	277·9	274·4	7th	281·1	−2·0	280·8	123	+ 25
		N.	E.															

Between Latitude 40° N. and 30° N.

JUNE—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level at Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Total.	Diff. from Normal.
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1009·1	1014·9	+0·3	290·8	295·8	21st	284·1	283·0	6th	287·6	+0·7	*286·9*	1	− 5
512	San Luis Obispo	35 18	120 39	61·3	1007·8	1015·2	+1·0	295·2	305·8	21st	284·1	279·7	11th	289·4	+0·7	*289·0*	15	+ 13
513	Modena	37 48	113 54	1670	831·7	1009·5	−0·3	298·0	303·6	21st	280·8	276·9	1st	289·6	−0·8	*289·9*	11	0
514	San Diego	32 43	117 10	26·5	1010·1	1013·2	0·0	292·4	299·1	30th	287·4	286·3	11th	290·1	−0·6	*289·9*	2	+ 3
515	Santa Fé	35 41	105 57	2138	789·0	1010·5	+1·0	296·3	300·8	26th	283·6	277·4	11th	290·1	−1·9	*290·3*	108	+ 81
516	Denver	39 45	105 0	1613	837·4	1011·8	+1·4	300·2	308·0	27th	284·7	280·8	13th	292·4	+0·3	*292·7*	28	− 10
517	Abilene	32 23	99 40	529·6	954·6	1014·5	+2·7	303·0	308·6	2nd	293·0	288·6	9th	298·1	−0·6	*298·0*	51	− 30
518	Saint Louis	38 38	90 12	172·8	996·6	1016·9	+2·7	304·7	310·2	29th	293·0	281·3	9th	298·8	+1·8	*298·7*	39	− 74
519	Mobile	30 41	88 2	17·4	1014·9	1016·9	+1·4	303·6	310·8	18th	294·1	286·3	11th	298·9	−0·3	*298·5*	99	− 53
520	Nashville	36 10	86 47	166·4	998·6	1018·3	+2·7	304·7	310·8	29th	291·3	283·0	12th	298·2	+0·6	*297·9*	23	− 89
521	Charleston	32 47	79 56	14·6	1015·9	1017·6	+1·4	301·3	308·0	17th	293·6	282·4	12th	297·6	−0·7	*297·2*	73	− 64
522	Washington	38 54	77 3	34·1	1012·8	1016·9	+1·0	301·3	308·6	16th	289·7	280·2	11th	295·7	+0·1	*295·5*	46	− 61
523																		
524	Bermuda	32 17	64 46	46·0	1015·1	1020·6	+1·8	299·4	301·3	27th	292·8	291·1	19th	296·1	−0·9	*296·9*	53	− 79
531	Horta	38 32	28 38	30	..	1027·6	+5·2	295·7	298	22, 23, 24	290·2	288	sev. dates	293·0	+1·1	..	25	− 5
532	Ponta Delgada	37 44	25 40	17	..	1027·0	+3·9	294·3	297	23rd, 24th	289·4	288	sev. dates	291·8	−0·2	..	19	+ 3
533	Madeira (Funchal)	32 37	16 54	25	1018·5	1021·5	+0·9	295·4	308·6	30th	286·1	282·1	1st	290·8	−0·3	..	0	− 12
534	Lisbon	38 43	9 9	95·4	1007·7	1019·0	+1·4	299·4	309·7	28th	289·5	285·2	6th	294·4	+2·0	*294·0*	7	− 13
535	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
536	Gibraltar	36 6	5 21	16·2	1016·9	1018·8	+2·8	299·2	305·2	25th	290·4	285·8	2nd, 3rd	294·8	+0·4	*294·0*	0	− 14
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JUNE—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level at Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1011·4	1015·9	−0·1	298·6	308·1	25th	291·3	288·5	4th	295·0	−0·6	*294·6*	1	− 10
538	Palma	39 33	2 42	..	..	1020·7	+3·7	298·8	303	17th	291·3	287	3rd, 4th	295·0	+0·4	..	2	− 4
538*a*	Tunis	36 48	10 10	43	1016·8	1021·8	+3·7	301·9	309·0	25th	290·3	286·4	6th	296·1	−0·1	..	9	− 0
539	Malta	35 54	14 31	59	..	1018·8	+2·3	297·7	301	21st, 22nd	291·8	290	sev. dates	294·8	−0·6	..	3	− 3
540	Catania	37 30	15 3	64·9	..	1017·2	+1·8	300·5	306·4	20th	291·5	287·9	9th	296·0	+0·6	..	9	+ 3
541	Athens	37 58	23 43	107·1	..	1015·0	+2·0	300·8	305	sev. dates	291·8	286	18th	296·3	−1·1	*295·9*	5	− 1
542	Alexandria	31 9	29 54	32·0	..	1014·2	+1·6	299·6	306	28th	292·7	291	2nd	296·2	−1·0	*295·6*	0	− 6
543	Cairo (Helwan)	29 52	31 20	115·6	..	1013·1	+0·9	306·0	311	28th	290·8	287	1st	298·4	−1·4	..	0	− 0
544	Nicosia	35 12	33 24	22·1	..	1009·8	−0·3	307·2	311	22, 23, 24	288·8	284	1st	298·0	−0·1	*297·5*	0	− 13
544*a*	Beirut	33 54	35 28	52·4	..	1011·4	+0·9	299·8	302	21st	293·3	290	19th	296·6	−0·7	..	1	− 3
545	Baghdad	33 21	44 28	38·7	1000·1	1004·5	+0·5	313·8	318·3	25th	297·3	293·3	6th	305·6	+1·1	..	0	− 0
546	Lenkoran	38 46	48 52	−19	1016·3	1014·0	+3·1	..	302·8	16th	289·5	284·3	4th, 5th	294·2	−2·7	*293·8*	17	+ 8
547	Busrah	30 31	47 53	7·6	999·4	1000·5	−3·0	312·4	320·2	4th	300·3	297·7	21st	306·4	+1·1	..	0	− 8
548	Meshed	36 16	59 35	946	904·5	1007·0	..	304·8	309·3	18th	286·7	280·8	10th	295·8	−0·7	..	0	− 2
549	Quetta	30 11	67 3	1677	827·8	..	+0·2	306·4	310·1	5th	288·8	282·8	12th, 13th	297·6	+0·8	*297·2*	2	− 2
550																		
551	Lahore	31 34	74 20	214	976·5	1000·1	+1·8	311·4	317·1	24th	299·3	294·2	12th	305·4	−1·7	*305·2*	40	+ 6
551*a*	Simla	31 7	77 8	2204·8	778·5	..	+1·0	292·9	296·6	23rd	287·7	285·0	18th	290·3	−2·6	*289·9*	239	+ 13
552	Leh	34 10	77 42	3503	665·5	..	+0·1	294·9	299·8	24th	280·1	275·7	13th	287·5	−0·4	*286·9*	18	+ 23
552*a*	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	437	+ 223
559	Hang Kow	30 35	114 17	37·0	1000·2	1004·4	−0·9	302·9	307·5	15th	296·0	291·9	8th	299·5	+0·4	*299·1*	171	− 7
560	Tiensin	39 10	117 10	5·0	1002·9	1003·5	−1·1	300·3	308·4	30th	291·3	286·1	24th	295·8	−1·9	..	177	+ 102
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1003·7	−2·0	301·2	307·7	16th	292·4	288·3	1st	296·8	0·0	295·9	183	+ 43
562	Jinsen (Chemulpo)	37 29	126 32	67·6	997·7	1005·6	−1·3	295·9	299·5	8th	288·5	285·7	15th	292·2	−0·6	291·5	125	+ 23
562*a*	Nagasaki	32 44	129 52	133·0	991·5	1007·1	−1·6	297·1	300·3	1st	291·0	288·2	7th	294·0	−1·1	293·6	310	+ 57
563	Kioto	35 1	135 44	42·9	1002·6	1007·6	−1·8	299·1	303·5	27th	288·8	282·2	1st	294·0	−0·4	293·7	149	+ 17
564	Tokio	35 41	139 45	21·3	1004·7	1007·3	−2·2	297·9	303·5	29th	289·6	284·4	8th	293·8	−0·2	293·5	149	+ 115
565	Miyako	39 38	141 59	30·4	1004·1	1007·7	−2·2	292·7	300·5	11th	283·7	278·6	9th	288·2	−1·3	287·6	129	
566																		
		N.	E.															

JUNE—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level at Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1016·1	1017·3	−0·4	300·1	301·9	29th	294·9	292·4	3rd	297·5	−0·2	..	108	+ 79
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1798·6	821·8	..	+0·3	300·1	304·0	2, 3, 4	288·1	285·1	3rd	294·1	−1·3	..	159	− 50
617	Galveston	29 18	94 50	16·5	1014·2	1016·2	+1·4	300·8	305·8	19th	296·9	293·0	12th	298·8	−1·3	*298·6*	64	− 56
618	New Orleans	29 58	90 4	15·5	1014·5	1016·6	+1·4	303·0	309·1	18th	294·7	288·0	11th	299·0	−0·4	*298·6*	142	− 15
619	Havana	23 8	82 22	24·3	..	1016·6	+1·5	301·8	303·3	12th	295·5	294·0	25th	298·7	−1·3	*298·4*	281	+ 107
620	Key West	24 33	81 48	6·7	1015·9	1016·6	+1·0	302·4	304·1	12th	296·9	294·1	15th	299·8	−1·1	*299·8*	80	− 58
621	Nassau, Bahamas	25 5	77 21	7·6	..	1017·7	+1·7	301·5	303·8	12th, 29th	296·1	294·1	19th	298·8	−1·3	..	149	− 27
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
634	Las Palmas, Canary Islands	28 7	W15 26	7	1018·1	1018·9	−0·5	296·5	301·4	30th	290·4	288·8	15th	293·5	−0·9	..	0	− 2
637	Insalah	27 17	E 2 27	330	..	..	..	316·6	321·0	19th	298·4	292·5	1st	307·5	+0·2	*307·6*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1013·2	+0·1	314·0	318	15th	294·0	291	23rd	304·0	−0·1	*305·0*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1010·4	+1·5	311·8	318	23rd	293·6	287	3rd	302·7	−2·6	*303·1*	..	..
643	Suez	29 57	32 32	3·4	..	1013·0	+1·7	307·7	311	10, 28, 29	290·9	288	1st, 2nd	299·3	−0·6	..	0	..
644	Aswan	24 2	32 53	99·6	..	1009·4	−0·1	313·2	319	21st	295·0	290	2nd, 3rd	304·1	−2·2	*305·9*	..	..
647	Bushire	28 59	50 53	4	999·3	999·8	+0·8	305·4	309·0	3rd, 29th	299·7	296·6	21st	302·6	−0·6	..	0	− 1
648	Jask	25 44	57 47	4	998·5	998·9	−1·2	309·8	312·9	16th	302·9	300·4	13th	306·3	+1·4	..	0	− 0
649	Kurrachee	24 53	66 57	4	999·7	1000·2	−0·2	306·2	317·7	5th	301·2	300·2	1st, 3rd	303·7	+0·3	*303·0*	2	− 23
650	Hyderabad, Sind	25 24	68 18	29	995·3	998·5	+0·3	314·2	320·8	4th	301·4	298·2	10th	307·8	+0·9	..	2	− 11
651	Jaipur	26 56	75 52	436	953·0	1000·3	+0·4	310·8	316·7	2nd	299·4	294·2	30th	305·1	−1·1	*304·4*	177	+ 125
652	Nagpur	21 8	79 5	310	967·6	1001·6	+0·1	308·4	317·2	1st	298·3	294·6	25th	303·4	+0·9	*302·4*	317	+ 96
653	Allahabad	25 25	81 51	94	990·4	1000·9	+1·4	308·7	312·5	24th	298·8	296·1	8th, 9th	303·8	−2·6	*303·1*	104	+ 21
654	Calcutta	22 36	88 23	6	1001·1	1001·8	+1·0	303·7	308·0	17th	298·3	296·3	15th	301·0	−1·3	*300·8*	791	+ 501
655	Gauhati	26 8	91 41	59	997·4	1004·0	..	304·3	307·3	22nd	297·5	294·2	2nd	300·9	..	..	278	− 96
655*a*	Cherrapunji	25 15	91 42	1314	868·2	..	..	295·1	297·6	27th	290·6	288·9	6th	292·8	..	..	2358	+ 48
656	Shillong	25 33	91 48	1500	845·4	..	..	295·9	297·9	22nd	289·8	286·7	2nd	292·9	..	..	656	+ 218
656*a*	Akyab	20 11	92 56	6	1004·4	1005·1	+0·6	303·1	306·8	1st	297·8	296·1	14th	300·5	−0·4	*300·6*	1219	− 62
657	Phu Lien	20 48	106 37	115·6	990·7	1003·8	0·0	306·0	309·5	13th	298·8	295·5	24th	302·4	+0·5	*301·7*	115	+ 75
658	Moncay	21 31	107 51	9	1003·6	1004·6	+0·7	303·9	306·0	20th	297·5	294·8	25th	300·7	−0·6	*300·0*	593	+ 9
659																		
660	Hong Kong	22 18	114 10	33·2	1003·1	1006·9	+0·7	302·8	304·2	2nd	298·3	294·4	8th	300·6	+0·2	300·3	407	− 26
661	Taihoku, Formosa	25 2	121 31	9·3	1006·2	1007·2	+0·4	305·9	310·1	4th	296·4	294·7	26th	301·1	+0·9	300·5	233	− 6
662	Naha	26 13	127 41	10·5	1007·8	1009·0	+0·4	303·5	305·5	12th	297·6	293·0	8th	300·5	+1·5	300·3	293	−
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JUNE—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	808·6	..	..	296·6	301·5	3rd	286·3	282·3	10th	291·5	..	*290·5*	188	..
717	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	19 26	99 8	2280	779·4	..	+0·5	296·2	298·8	1, 3, 5,	285·7	282·7	2nd	291·0	−0·7	289·9	120	+ 21
718*a*	Oaxaca	17 4	96 44	1563	846·0	..	..	299·7	303·6	4, 6, 8	288·4	285·7	3rd	294·1	..	*293·1*	206	..
719	Belize	19 29	88 12	1·9	1015·7	1015·9	+3·3	302·8	305·8	25th	298·7	296·9	23rd	300·8	−1·2	*299·7*	180	−108
720	San Salvador	13 44	89 9	657	939·0	1012·7	+1·5	..	306·4	..	..	289·8	..	..	..	..	238	− 37
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·4	+1·3	303·0	304·3	27th	295·5	294·0	7th	299·3	−0·4	*299·4*	34	−125
722	Port au Prince	18 34	72 22	37·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	1014·6	1015·3	..	302·9	304·6	11th, 14th	297·8	297·0	13th, 25th	300·4	..	..	19	..
724	Grenada (Richmond Hill)	12 3	61 45	155·1	995·4	1013·4	+0·2	302·0	304·1	8th	296·6	295·2	25th	299·3	+0·3	*298·8*	166	− 54
725	Barbados	13 8	59 36	55·2	..	1012·8	+0·4	302·9	303·8	6th	296·3	294·0	8th	299·6	−0·3	*299·4*	69	− 67
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1014·4	1015·6	+0·2	297·3	301·0	30th	293·3	291·5	7th, 10th	295·3	−1·4	..	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·4	1016·3	..	300·6	304·5	9th	295·2	293·8	3rd, 4th	297·9	+0·2	..	0	0
733	Bathurst	13 24	16 36	1·5	1013·2	1013·4	+0·8	304·7	309·7	10, 12, 13	294·2	292·4	4th	299·5	+0·1	*300·6*	57	− 19
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	314·2	318·6	14th, 17th	298·6	295·8	10th	306·4	+3·6	..	127	+ 23
735	Ségou	13 34	6 17	? 272	..	..	..	..	..	..	297·5	293·0	25th	..	..	..	105	..
736	Timbouctoo	16 43	W 2 52	250	979·9	1007·4	−1·2	318·9	322·2	13th	298·3	294·5	25th	308·6	+1·1	*308·1*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	312·2	315·8	11th	298·3	293·6	25th	305·3	+2·1	..	55	− 53
738	Kontagora	10 24	5 24	400	..	..	..	305·9	?310·2	? 12th	295·2	291·3	20th	300·6	+0·7	..	136	− 40
739	Maiduguri	11 48	13 12	370	..	..	..	314·4	316·9	8th	297·3	292·4	6th, 10th	305·9	+1·8	..	7	− 37
740	Katagum	12 17	10 22	30·7	..	..	..	313·7	316·3	11th, 12th	296·3	291·9	5th, 7th	305·0	+1·4	..	11	− 35
741	Kaduqli	11 2	29 45	503	..	..	..	310·1	314·0	8th, 12th	294·0	288·0	4th	302·1	..	..	93	..
742	El Obeid	13 11	30 14	585	..	1011·0	−0·1	311·0	313	8th	294·1	289	4th	302·6	−0·2	*303·2*	26	− 5
743	Khartoum	15 37	32 33	390	..	1009·0	+0·5	313·6	317	23rd	297·4	293	3rd	305·5	−1·4	*305·7*	0	− 6
744	Aden	12 45	45 3	28·7	1001·4	1004·6	−0·2	307·9	309·2	23rd	302·0	298·5	6th	304·9	+0·1	*304·6*	6	+ 5
751	Bombay	18 54	72 49	11·3	1002·7	1003·9	−1·4	304·0	308·0	5th	299·6	296·6	23, 24, 28	301·8	+0·2	*301·1*	656	+186
752	Mysore	12 18	76 40	768	1023·3	1007·1	−0·3	302·2	305·3	30th	292·9	291·4	25th	297·6	−0·1	*296·6*	36	− 37
752*a*	Kodaikanal	10 13	77 28	2343	768·7	..	−1·0	291·8	294·4	1st	284·7	283·0	2nd, 26th	288·3	−0·1	*287·6*	58	− 40
753	Madras	13 4	80 14	6·7	1004·1	1004·8	−0·9	310·8	313·8	21st	299·3	295·2	21st	302·4	..	*301·7*	218	+102
754	Waltair	17 45	83 16	68·9	995·2	1002·9	+0·7	305·4	310·8	15th	298·2	296·3	4 dates	300·3	−0·4	*299·6*	530	+ 41
755	Port Blair	11 40	92 40	17·7	1005·6	1007·5	+0·2	302·5	304·5	5th	297·6	295·8	26th	300·7	+0·2	*299·6*	443	− 3
756	Rangoon	16 46	95 48	5·5	1006·9	1007·6	+0·7	303·8	306·3	4 dates	297·6	295·8	26th	300·7	+0·2	*299·6*	443	− 3
757	Saigon	10 46	106 42	11·2	1006·8	1008·0	+0·5	305·4	307·8	29th	296·9	295·9	3rd, 21st	301·2	+0·2	..	212	− 91
758	Nhatrang	12 16	109 12	6·8	1006·9	1007·5	+1·2	306·0	308·0	10th	297·1	295·5	16th	301·6	−0·1	..	1	− 60
759	Bolinao	16 24	119 53	9·7	..	1008·5	+1·0	305·9	308·2	2nd	297·5	296·0	29th	301·7	−0·1	300·9	362	− 34
760	Vigan	17 34	120 23	14·7	..	1008·8	+1·0	305·1	306·7	1st, 2nd	297·2	295·5	10th	301·2	−0·4	300·7	499	+151
761	Manila	14 35	120 59	14·2	..	1009·2	+0·9	307·2	309·5	4th	296·7	295·6	1st	302·0	−0·1	300·8	196	− 37
762	Ormoc	11 0	124 36	5·6	..	1009·2	+0·6	304·9	307·9	2nd	295·8	294·2	25th	300·4	+0·4	300·1	83	− 94
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1010·0	..	304·4	305·8	12th	298·3	296·6	13th	301·4	+0·4	..	69	..
		N.	E.															

JUNE—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
805	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
819	Culebra	9 10	79 43	123·1	..	1010·3	+0·1	304·1	306·3	5th	295·2	293·6	24th	299·7	+0·4	..	231	+ 6
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	El Peru, Guayanavieja	7 30	62 0	? 300	..	..	..	301·9	304·1	1st, 2nd	294·8	294·1	3, 7, 15	298·4	..	..	..	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1016·1	1016·3	+3·3	302·3	303·2	18th	297·1	296·3	17th	299·7	+0·3	..	246	− 55
826	Paramaribo	5 49	55 9	4	..	1013·3	1013·7	..	302·6	304·8	25th	296·0	293·8	8th	299·3	..	*298·6*	436	+154
826*a*	Cayenne	4 56	52 21	6	..	..	..	..	302·7	304·2	2, 18, 28	295·8	293·8	10th	299·3	0·0	*300·0*	523	+129
833	Conakry	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	464	− 92
834	Sierra Leone	8 30	13 9	68·3	1004·8	1012·7	0·0	305·3	308·0	11th	295·3	292·4	8th	300·3	+0·3	..	381	−124
835	Cape Coast Castle	5 5	1 13	..	..	..	..	302·4	..	..	295·8	..	..	299·1	+0·1	..	146	− 74
836	Accra	5 35	W 0 6	18	..	..	..	301·2	..	..	293·9	..	..	297·6	−1·1	..	107	− 58
837	Lagos	6 22	E 3 28	7·6	..	1012·9	0·0	303·4	304·9	..	296·9	294·9	..	300·2	+1·3	..	428	− 65
838	Zungeru	9 48	6 10	130	..	1012·1	−0·8	306·8	310·2	14th	295·4	293·6	5, 23, 30	301·1	+1·1	..	72	− 88
838*a*	Libreville	0 23	9 26	35	..	..	..	303·3	305·0	1st	291·8	290·6	15th, 17th	297·6	−0·6	..	38	+ 29
841	Yola	9 12	12 30	259	..	..	..	307·9	311·3	11th	296·5	293·0	22nd	302·2	+1·9	..	97	− 56
842	Kafia Kingi	9 22	24 18	596	946·4	..	..	..	..	..	294·3	292·0	19th	..	..	..	45	..
843	Wau	7 42	28 3	440	..	1011·4	−0·1	307·3	311	8th	295·0	293	19th, 28th	301·2	+1·4	..	99	− 70
844	Entebbe	0 5	32 29	1171	884·3	..	−0·4	298·5	300·2	30th	290·0	288·6	23rd	294·3	+0·2	*293·2*	25	− 96
845	Nandi	0 2	35 5	2010	..	..	..	297·4	298·6	18th	283·3	281·9	2nd	290·4	0·0	..	220	+ 53
	Harrar	9 42	42 30	1856	..	..	..	298·7	300·0	sev. dates	287·5	285·0	27th	293·1	..	..	15	..
851	Cothin	10 0	76 21	2·7	1008·4	1008·7	−0·7	302·7	304·5	10th	296·9	295·1	7th	299·8	+0·2	*299·1*	560	−154
852	Colombo Observatory	6 54	79 53	7·3	1007·1	1007·9	−0·6	303·1	304·2	9th	298·1	295·9	6th, 12th	300·6	0·0	*299·9*	126	− 75
853	Candy	7 18	80 40	504·5	..	..	..	301·8	304·1	9th	294·9	292·6	29th	298·4	+1·0	..	183	− 57
855	Medan	3 35	98 41	23·5	..	1008·7	−1·0	..	..	..	..	..	..	..	..	..	220	+ 89
856	Kota Radja	5 32	95 20	7·1	..	1009·4	−0·4	..	..	..	..	..	..	..	..	..	36	− 60
857	Penang	5 34	100 20	5·0	1005·8	1006·4	−2·6	305·1	306·6	13th	296·6	294·7	29th	300·9	0·0	..	266	+ 78
858	Singapore	1 17	103 51	2·2	1009·8	1010·0	+0·2	303·8	306·0	12th	297·1	295·2	12th	300·4	−0·2	..	325	+160
860	Sandakan	5 49	118 12	..	..	..	..	304·1	..	..	297·0	..	..	300·6	0·0	..	126	− 60
861	Tagbilaran	9 38	123 51	26·2	..	1009·1	+0·8	304·7	?306·4	? 28th	296·3	?294·7	? 25th	300·5	−0·7	300·0	42	− 95
862	Surigao	9 48	125 29	6	..	1008·9	+0·5	304·4	?306·9	? 22nd	296·2	?293·9	? 25th	300·3	−0·5	299·9	132	+ 18
863	Yap	9 29	138 8	31·9	..	1008·6	..	305·4	306·9	21st	298·1	296·9	24th	301·8	..	..	87	..
869	Uyelang	9 42	161 2	<10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JUNE—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1011·4	1012·4	+3·2	305·6	306·3	7, 22, 25	298·3	297·4	15, 16, 17	302·0	+0·6	*301·2*	135	+ 92
906																		
923	Manaos	3 8	59 59	44·9	1005·2	1010·3	+1·2	..	306·2	..	..	295·6	..	300·3	−1·1	..	62	+ 6
929	Quixeramobim	5 16	39 15	207·0	990·7	1014·4	+1·3	..	303·4	..	..	293·0	..	298·5	−0·9	*298·5*	42	..
930	Fernando Noronha	3 51	W32 25	95	1001·6	1012·6	−0·1	..	301·0	..	..	294·0	..	298·4	..	..	94	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	303·7	307·8	5th	291·4	289·4	25th	297·6	+0·5	..	109	+103
940	Loango	4 38	11 50	? 50	..	..	..	301·3	302·0	sev. dates	294·2	293·0	sev. dates	297·8	..	*297·4*	0	..
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
944	Nairobi	1 18	36 59	1660	..	..	..	293·2	296·6	1st	283·8	279·9	23rd	288·5	−0·8	..	77	+ 33
944*a*	Zanzibar	6 10	39 11	21·9	1016·1	1018·2	−0·2	300·9	302·0	3rd	296·4	295·2	29th	298·7	+0·2	*298·0*	2	− 44
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	304·9	305·2	1st	296·0	294·1	11th	300·5	..	..	90	− 79
947	Seychelles	4 37	55 27	4·6	..	1011·6	−0·5	301·3	302·6	..	298·5	296·8	..	299·9	+0·9	..	81	− 14
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·1	−1·0	303·5	305·2	12th	296·1	294·8	18th	299·8	..	299·3	705	+370
957	Batavia	6 11	106 50	8	1009·3	1010·2	+0·3	303·2	304·1	6th, 12th	296·4	295·2	17th	299·8	+0·3	299·4	91	+ 8
958	Pontianak	0 1	109 20	2·6	..	1010·0	+0·8	303·3	305·0	28th	296·3	295·0	27th	299·8	..	299·0	416	+185
959	Passeroean	7 38	112 55	5·0	..	1010·3	−0·2	..	..	..	..	..	..	..	..	..	0	− 65
960	Kajoemas	7 56	114 9	950	..	..	..	296·9	299·0	28th	290·3	288·8	11th	293·6	..	293·0	0	− 75
961	Koepang	10 10	123 34	3·3	..	1012·0	+1·4	303·2	305·7	5th	294·1	291·0	24th	298·7	..	298·2	4	+ 8
962	Ambon	3 42	128 10	4·2	..	1010·5	+0·5	299·8	303·1	3rd	296·0	294·3	23rd	297·9	−0·4	297·4	1420	+783
965	Daru	9 4	143 13	8	..	1013·7	+2·1	301·2	..	..	297·7	..	..	299·5	+0·6	..	50	− 87
966	Port Moresby	9 29	147 9	39	..	1010·5	−0·3	301·6	..	..	297·0	..	..	299·3	−0·2	..	19	− 14
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	280	+ 55
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1010·0	1010·2	+0·2	303·3	305·8	12, 13, 15	297·2	295·8	27th	300·3	+0·2	..	176	+ 25
970	Ocean Island	0 52	169 36	25·6	1005·6	1008·5	+0·1	304·3	305·2	29th	297·2	295·2	15, 16, 17	300·7	−0·2	*300·0*	4	−133
		S.	E.															

JUNE—ZONE 10.

Between Latitude 10° S. and 20° S.

1001		S.	W.															
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	1012·8	1017·1	−0·4	299·9	302·4	8th	291·6	288·6	19th, 30th	295·8	−0·3	..	62	− 7
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1008·0	1013·4	+1·1	302·3	303·5	23rd, 24th	295·2	290·0	13th	298·6	..	..	127	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	1013·9	1015·1	+1·1	294·6	298·3	2nd	285·9	283·0	29th	290·3	−0·3	*290·2*	0	..
1022	Arequipa	16 22	71 33	2451	762·6	..	0·0	292·6	294·1	1st, 9th	280·9	277·4	16th	286·8	+0·1	..	0	− 1
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	725·3	..	..	294·8	299	2nd	275·8	273	23, 25, 28	285·3	− 3	..	0	− 4
1025																		
1026	Cuyaba	15 36	56 0	235	994·4	1021·4	−0·3	301·7	304·6	..	294·3	288·9	..	298·0	+0·9	..	5	− 5
1027	Bello Horizonte	19 55	43 56	857·0	921·2	1018·3	..	298·0	301·2	5th	282·7	279·8	3rd	290·4	..	..	19	..
1028	Cætite	14 2	42 37	900	915·6	1016·1	..	..	304·9	..	..	286·3	..	294·0	..	..	1	..
1029	Ondina	13 12	38 30	46·6	1010·4	1015·8	..	..	303·7	..	..	292·8	..	297·6	..	..	343	..
1030	Aracaju	10 55	37 4	4·3	1015·6	1016·1	..	..	304·9	3rd	..	294·7	..	298·9	..	..	87	..
1035	St. Helena	15 57	W 5 40	632	947·7	1019·6	−1·1	292·9	295·2	10, 14, 17	286·9	285·8	30th	289·9	+1·0	*289·7*	114	+ 15
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	863·4	..	−0·1	293·4	298·7	..	277·9	275·3	..	285·7	+0·1	..	0	− 3
1043	Salisbury, Rhodesia	17 49	31 3	1487	861·4	..	+1·4	293·6	297·6	..	277·4	273·6	..	285·5	−0·9	..	0	− 3
1044	Zomba	15 23	35 18	954	911·9	1020·1	+0·7	296·3	297·9	9th	282·5	281·3	14th	289·4	−0·6	*287·6*	18	+218
1045	Tamatave	18 9	49 26	4	1019·9	1020·3	+0·8	300·4	303·5	7th	294·1	292·6	26th, 27th	297·3	+2·6	..	483	+ 4
1046	Tananarivo	18 55	47 32	1400	868·3	..	+0·6	293·6	296·5	9th	282·7	279·0	18th	288·2	−0·8	287·0	3	− 1
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1012·9	+0·9	300·7	302·4	16th, 30th	297·2	294·7	29th	298·9	−0·4	..	244	+ 16
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1009·2	1009·8	+0·8	302·8	304·3	..	296·1	294·2	..	299·4	−0·4	..	45	−113
1058																		
1061	Derby	17 18	123 40	16·2	..	1016·3	−2·8	300·9	306·3	6th, 8th	285·9	282·4	1st, 2nd	293·4	−2·4	..	0	− 15
1062	Hall's Creek	18 13	127 46	373·6	..	1018·0	+1·8	297·8	302·4	4th	279·6	275·1	1st	288·7	−3·2	..	0	− 7
1063	Port Darwin	12 28	130 51	29·6	..	1013·3	+1·5	301·9	306·6	5th	292·1	289·7	12th	297·0	−2·2	*295·8*	0	− 5
1064	Daly Waters	16 16	133 23	210·6	..	1014·0	..	299·3	305·2	3rd, 4th	284·3	279·1	1st	291·8	−2·4	*291·1*	4	− 4
1065	Mein	13 13	142 57	121·9	..	1011·8	..	301·8	305·2	27th	292·2	283·2	12th	297·0	..	..	2	− 6
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	299·9	304·1	1st	286·4	275·2	11th	293·2	..	..	4	− 4
1067	Samarai	10 37	150 40	6·4	..	1011·8	−0·7	..	..	..	296·6	..	..	..	..	..	313	+ 43
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1015·2	0·0	299·4	303·0	13th	293·5	291·3	23rd	296·4	−0·4	..	61	− 82
		° ′ S.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

JUNE—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	298·1	300·2	14th, 15th	291·6	285·8	30th	294·9	..	..	173	+ 64
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1009·6	1013·1	..	293·5	296·6	4th	288·6	285·2	26th	291·1	..	*290·5*	350	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1013·9	1016·9	−0·6	288·5	291·0	sev. dates	282·5	278·7	9th	285·5	0·0	*285·4*	2	− 42
1122	Puerto de Antofagasta	23 39	70 25	5	1016·2	1016·8	+2·0	295·4	296·0	2nd	283·5	283·1	27th	289·5	−0·3	*288·8*	0	− 5
1125	Goya	29 9	59 15	64	1014·5	1022·3	+1·5	293·6	299·0	15th	282·3	277·0	22nd	287·9	−0·4	*287·1*	31	− 6
1126	Porto Alegre	30 2	51 13	15	1021·1	1022·9	..	291·4	301·0	16th	280·5	275·4	23rd	286·0	..	..	81	+ 4
1127	Curityba	25 26	49 16	908	916·9	1021·1	−0·6	290·5	296·7	..	279·6	275·6	..	285·1	−0·3	*284·9*	79	− 18
1128	Rio de Janeiro	22 54	W43 10	64	1012·2	1019·8	+0·4	295·8	301·8	..	290·7	288·5	..	293·3	−1·0	*293·1*	97	+ 46
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141	Johannesburg	26 11	28 4	1874	..	..	..	288·9	292·7	4th	278·3	272·7	8th	283·6	+0·4	*283·1*	0	− 1
1142	Kimberley	28 42	28 47	1202	888·5	..	+0·2	291·4	295·8	1st	276·4	271·1	20th	283·9	+0·8	283·2	9	+ 1
1142*a*	Pretoria	25 45	28 11	1338	875·1	..	−1·2	293·6	297·4	19th	274·7	271·5	17th	284·2	+0·1	..	0	− 2
1143	Durban	29 51	31 0	14·3	1020·4	1022·1	−1·2	291·5	294·7	4th, 6th	285·7	283·0	30th	288·6	−2·7	..	26	− 6
1144	Lorenzo Marques	25 58	32 36	59	..	1022·7	0·0	298·7	304·7	5th	286·3	284·0	1st	292·5	+0·8	292·0	14	+ 1
1147	Mauritius	20 6	57 33	54·3	1011·2	1017·6	−1·3	297·4	299·7	1st	290·2	286·2	13th	293·8	0·0	293·5	275	+210
1148																		
1159	Onslow	21 43	114 57	4·3	..	1016·6	+1·1	298·1	302·4	5th	285·2	280·6	2nd, 28th	291·6	−0·1	..	71	+ 24
1160	Peak Hill	25 38	118 47	588·3	..	1018·4	+0·7	292·9	298·9	5th	281·6	276·8	27th	287·3	+0·7	..	24	− 15
1161	Nullagine	21 53	120 5	385·6	..	1018·3	+1·3	296·1	301·9	5th	278·3	271·9	28th	287·2	−2·1	..	8	− 21
1162	Laverton	28 40	122 23	466·3	..	1021·5	+1·6	292·2	296·8	8th, 9th	278·8	272·7	27th	285·5	+0·8	..	5	− 24
1163	Alice Springs	23 38	133 37	587·0	..	1021·0	+1·4	290·3	294·3	26th	274·3	269·4	22nd	282·3	−3·1	*282·1*	1	− 14
1164	William Creek	28 55	136 21	76·2	..	1023·4	..	290·2	293·8	15th, 16th	274·9	271·3	23rd	282·5	..	*282·3*	0	− 17
1165	Boulia	22 55	139 38	145·7	..	1019·0	..	293·2	297·7	3rd	279·8	275·7	27th	286·5	..	..	6	− 4
1166	Mitchell	26 32	147 52	337·1	..	1019·7	..	290·2	295·8	15th	277·5	271·9	10th	283·8	..	..	83	+ 45
1167	Rockhampton	23 24	150 30	11·3	..	1018·6	..	295·0	298·0	5th	284·6	278·4	2nd	289·8	..	..	90	+ 43
1168	Brisbane	27 28	153 2	41·7	..	1018·4	+0·7	292·6	295·3	4th, 15th	284·0	279·3	28th	288·3	−0·2	..	118	+ 52
1169	Noumea	22 16	166 27	9	1016·3	1017·3	..	298·4	301·2	1st, 19th	291·6	289·8	23rd	295·0	+0·7	..	33	− 70
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		S.	E.															

Between Latitude 30° S. and 40° S.

JUNE—ZONE 12.

1219		S.	W.															
1220	Juan Fernandez	33 37	78 50	10	1014·8	1016·0	−1·5	290·1	292·9	28th	285·8	283·3	6th	288·0	+0·8	..	174	+ 7
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1012·3	1017·1	−0·7	289·6	292·6	6th	282·6	279·0	5th	286·1	−0·5	*285·3*	54	− 95
1222	Santiago	33 27	70 42	520	956·6	1018·0	−0·1	289·2	297·6	9th	276·5	271·0	4th	282·9	+1·0	281·9	15	− 67
1223	Cordoba	31 25	64 12	439	967·2	1018·9	−0·8	292·5	299·3	14th	278·9	271·2	5th	285·7	+2·1	285·1	18	+ 11
1224	Buenos Ayres	34 16	64 11	25·2	1016·6	1019·7	+1·2	289·2	297·0	16th	278·4	270·8	5th	283·8	−0·6	*283·1*	33	− 34
1225	Rio Grande	32 2	52 6	2·3	1019·6	1019·9	+0·8	289·2	297·0	12th	282·2	277·5	25th	285·7	−1·2	..	78	+ 20
1226	Montevideo	34 55	W56 13	29·3	..	1020·3	+3·4	..	294·0	12th	..	276·5	28th	..	+0·7	284·2	17	− 68
1239	Cape Town	33 56	E18 29	12	1019·0	1020·4	+0·1	290·8	299·1	25th	283·3	278·6	10th	287·1	+0·9	*285·9*	85	− 28
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	52	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	294·6	300·8	17th	278·7	274·7	3rd, 24th	286·7	+5·6	..	57	+ 20
1242	East London	33 2	27 55	10·1	1019·6	1020·8	−0·8	295·2	303·0	16th	283·4	279·7	20th	289·3	+0·2	..	10	− 18
1259	Perth (Observatory)	31 57	115 51	60·0	..	1019·0	+1·2	291·3	296·4	6th	283·4	279·6	17th	287·3	+0·7	..	219	+ 50
1260	Katanning	33 42	117 35	309·7	..	1018·6	+2·0	288·8	293·3	6th	279·9	273·1	17th	284·4	+0·9	..	64	− 8
1261	Coolgardie	30 57	121 10	423·3	..	1020·3	+1·5	291·1	295·9	1st	279·7	274·7	17th	285·4	+1·1	..	15	− 16
1262	Eucla	31 45	128 58	4·6	..	1021·2	+2·6	291·6	295·8	14th	279·7	274·6	20th	285·7	−0·6	..	9	− 20
1263	Streaky Bay	32 48	134 13	13·1	..	1023·9	+4·8	289·1	291·3	15th	278·9	274·6	10th	284·0	−1·4	..	7	− 67
1264	Adelaide	34 56	138 35	42·7	..	1024·7	+5·6	288·7	292·2	28th	278·4	273·4	12th	283·6	−1·3	*283·5*	15	− 61
1265	Melbourne	37 49	144 57	35·1	..	1024·1	+5·7	286·5	289·4	29th	279·6	272·8	9th	283·1	−0·1	*282·7*	36	− 18
1266	Bourke	30 13	145 58	110·1	..	1024·1	+3·1	288·1	294·1	16th	277·6	273·8	3rd	282·9	−2·2	..	29	+ 1
1267	Sydney	33 51	151 13	44·5	..	1020·8	+2·9	288·1	290·6	23rd	286·7	281·9	17th	289·3	..	..	285	+151
1268	Lord Howe Island	31 32	159 4	..	..	..	..	291·9	294·6	3rd	279·9	275·5	26th	283·4	−1·7	..	37	− 83
1271	Auckland	36 50	174 50	38·1	..	..	..	287·0	291·1	3rd								
1272																		
		S.	E.															

Between Latitude 40° S. and 50° S.

JUNE—ZONE 13.

1301		S.	W.															
1302	Chatham Island	43 52	170 42	103·6	..	1014·3	+4·2	282·3	285·2	three times	277·8	275·8	three times	280·1	−1·2	..	108	+ 48
1321	Punta Corona	41 51	73 50	25	1005·2	1008·2	−4·4	284·3	286·3	21st	280·5	277·0	17th	282·4	+0·9	*282·5*	210	− 53
1322	Punta Galera	40 1	73 44	40	1010·6	1015·5	+1·5	285·5	287·2	13th	281·7	279·4	4th	283·6	+0·8	*283·7*	278	− 89
1323	Bahia Blanca	38 45	W62 12	20	1015·0	1017·4	+2·2	288·0	296·0	9th	277·9	267·0	3rd	283·3	+1·3	*282·8*	1	− 23
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1022·0	+7·7	284·1	288·4	19th	277·7	271·5	12th	280·9	−0·3	*280·3*	32	− 24
1366	Launceston	41 27	147 10	9·4	..	1022·7	+7·5	285·8	288·4	29th	275·9	269·2	12th	280·9	−0·1	..	33	− 54
1369																		
1370	Dunedin	45 52	170 31	76	..	1015·0	+2·8	283·3	289·1	18th	276·4	272·4	29th	279·9	+0·5	..	23	− 62
1371	Christchurch	43 32	172 38	7·6	..	1016·8	+2·3	283·5	291·4	8th	272·6	268·4	14th	278·1	−1·6	..	27	− 45
1372	Wellington	41 16	174 46	2·4	..	1018·7	+4·8	285·4	289·8	4th	279·3	274·7	30th	282·4	−0·3	..	51	− 78
		° ′ S.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JUNE—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level at Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	1000·3	1007·1	+8·7	281·3	282·2	12th	275·9	273·0	3rd	278·6	+0·4	*277·5*	166	— 57
1422	Puerto de Punta Arenas	53 10	70 54	4	1007·9	1008·4	+8·3	276·2	280·8	12th	271·8	265·6	6th	274·0	—1·1	*274·2*	33	+ 6
1423	Punta Dungeness	52 24	68 25	5	1006·7	1007·3	+5·1	277·5	280·4	18th	273·5	268·8	1st	275·5	—0·5	*275·7*	26	..
1425	Cape Pembroke	51 41	57 42	15	1001·4	1004·0	+3·5	277·3	280·8	13th	271·8	266·9	21st	274·6	—0·8	275·6	..	+ 8
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	61	+82
1429	S. Georgia (Cumberland Bay)	54 14	W36 34	3·7	993·2	993·7	—4·6	272·7	277·9	13th	266·5	260·4	26th	269·6	—1·8	*269·7*	177	..
1467	Macquarie Is.	54 30 S.	E158 57 E.	9	..	1003·7	+1·7	276·9	279·1	3rd	273·6	267·8	15th	275·2	..	275·3	..	

JUNE—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	6·9	1000·3	1001·2	+5·7	..	272·2	..	..	237·0	..	..	—4·6	258·6	26	— 3
1528		′	′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.		a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—JUNE 1913.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.
1	SE	..	..	..	NE 1	W 2	NE 2	NE 1	ESE 5	E 3	E 4	NE 3
2	SE	8·3	..	..	NE 2	SW 4	NE 4	E 2	ESE 8	E 2	E 3	E 1
3	SE	6·7	..	..	N 2	W 4	NE 4	NE 2	ESE 6	E 4	Calm 0	NE 1
4	SSE	7·5	..	..	NE 4	W 2	E 3	E 1	ESE 6	E 1	E 1	NE 3
5	SE by S	8·3	..	..	Calm 0	SW 2	N 2	NE 1	ESE 5	E 1	E 2	E 3
6	SE by S	12·5	..	..	NE 2	S 2	N 2	NE 2	ESE 6	E 1	E 1	NE 1
7	SE	10·8	..	..	NE 1	W 3	NE 1	E 1	ESE 4	E 2	Calm 0	Calm 0
8	SE by E	7·9	..	..	NE 3	SW 2	E 2	NE 2	ESE 1	E 2	Calm 0	Calm 0
9	SE	7·9	..	..	NE 2	S 2	SE 3	SE 2	ESE 1	E 1	E 1	NE 3
10	SE	3·8	..	..	Calm 0	SW 4	Calm 0	Calm 0	NW 1	E 2	Calm 0	NE 2
11	SSE	6·7	..	..	NE 2	SW 3	Calm 0	Calm 0	Calm 0	SE 2	Calm 0	NW 4
12	S by E	2·5	..	..	W 3	SW 3	E 4	Calm 0	ESE 1	E 1	E 1	NE 2
13	S	1·7	..	..	Calm 0	W 4	E 3	NE 2	ESE 2	SE 2	Calm 0	E 3
14	S by E	2·1	..	..	Calm 0	SW 4	NE 4	E 2	ESE 3	Calm 0	Calm 0	N 2
15	S by E	2·5	..	..	NE 2	SW 4	NE 4	NE 1	ESE 3	Calm 0	Calm 0	Calm 0
16	SSE	..	..	..	N 2	W 3	E 3	NE 2	N 1	E 1	Calm 0	W 3
17	S	..	..	..	Calm 0	SW 4	E 4	E 2	ESE 3	SE 1	Calm 0	Calm 0
18	..	..	..	..	W 2	SW 2	E 2	E 3	ESE 5	E 1	Calm 0	E 3
19	SE by E	..	..	..	NE 2	SW 2	NE 1	E 2	SE 6	E 2	Calm 0	NE 2
20	SE	..	..	..	N 2	SW 2	NE 3	NE 1	ESE 1	E 2	Calm 0	NW 1
21	SE	..	..	..	NE 4	SW 4	NE 3	NE 2	ESE 4	SE 1	E 1	NE 1
22	SE by S	6·7	..	..	N 1	SW 4	NE 2	E 2	E 1	E 1	Calm 0	Calm 0
23	SE by S	7·1	..	..	NE 2	SW 2	E 1	E 1	Calm 0	E 1	Calm 0	SW 2
24	SE by S	..	..	..	NE 3	S 3	N 2	E 2	ESE 2	E 1	E 1	SW 1
25	SE by S	7·9	..	..	Calm 0	W 2	NE 1	E 1	ESE 4	E 1	Calm 0	SW 5
26	SE by S	7·9	..	..	Calm 0	Calm 0	NE 2	NE 1	ESE 2	E 2	E 1	S 4
27	ESE	7·9	..	..	Calm 0	S 2	E 3	E 2	SE 2	W 1	SW 1	SW 2
28	E by S	7·1	..	..	NE 2	SW 4	NE 1	E 1	SE 3	SE 2	Calm 0	NE 2
29	SE by E	6·3	..	..	Calm 0	SW 5	E 2	E 1	SE 4	E 3	Calm 0	Calm 0
30	SE by S	3·8	..	..	Calm 0	SW 4	E 3	NE 1	SE 4	E 2	E 2	E 4
Mean for Month	..	6·5	..	..	1·5	2·9	2·4	1·4	3·1	1·5	0·6	1·9
Deviation from Normal	..	—0·2	..	..	..	..	—1·0			—1·2		—0·1

* Direction and velocity in the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—JUNE 1913.

**Barents Sea.*—"Kanin Nos was ice-free, but from Kaninskaija Zemlya to Kolguev the ice was unbroken; from Kolguev the northern edge ran E. to 55° E., where it turned N.W. and passed S. of Novaya Zemlya to South Cape, Spitsbergen, with a great mass extending S. far beyond Bear I., though its normal position is 60 miles N. of that island. The area ice-covered was 954×10^3 sq. km., compared with 931×10^3 for normal. The *Kara Sea* was ice-covered."

**Spitsbergen.*—"There was very little ice at South Cape, and a narrow coastal belt along the W. coast to Horn Sound. The sea was passable to North Cape."

**Greenland Sea.*—"Thick Storis lay close inshore except for a temporary land-water at Angmagsalik. The ice-covered area was 1099×10^3 sq. km. compared with a normal of 925×10^3 sq. km. *Iceland* was ice-free."

North Atlantic and Labrador.—"There were fewer icebergs than in May; their limits were 43° N., 41½° W., the extremes for 1901–16 being 38° N. 38° W."

**Davis Strait, Baffin Bay.*—"The Storis lay close inshore to Ivigtut and off-shore as far as Fiskernaes; there were a few icebergs. Normally the Storis extends past Fiskernaes to Godthaab."

**Bering Sea.*—"There was some pack ice between Lawrence Island and Norton Sound."

* *Isforholdene i de arktiske Have, 1913,* issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, JULY 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JULY 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

JULY—ZONE 1. Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1008·3	1010·5	—0·4	281·8	287·3	4th	274·5	270·7	15th, 25th	278·2	—0·5	*277·7*	7	— 18
126																		
139	Spitsbergen	78 2	E 14 14	11·4	1010·4	1011·8	—2·3	..	285·2	21st	275·3	271·2	1st	..	..	277·8	43	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1013·4	1014·2	+2·7	..	301·4	17th	281·5	277·3	6th	..	+1·8	*284·8*	114	+ 63
142	Mehavn	71 1	27 47	6·4	1013·4	1014·2	..	..	301·5	18th	282·2	277·2	28th	..	..	*285·4*	53	+ 5
143	Vardö	70 22	31 8	10·0	1014·2	1015·4	+3·4	..	293·2	12th	281·2	277·4	25th	..	+2·2	*283·8*	25	— 22
144																		
147	Malye Karmakouly	72 23 N.	52 43 E.	14·8	1016·0	1017·8	+5·8	..	287·1	22nd	..	..	..	278·4	—1·2	*278·1*	52	+ 20
148																		

JULY—ZONE 2. Between Latitude 70° N. and 60° N.

203	Nome	64 30 N.	165 24 W.	4·6	1011·8	1012·5	..	288·2	294·1	14th	280·3	274·1	19th	284·3	..	..	36	..
204																		
205	Tanana	65 12	152 0	?	1001·3	..	..	295·3	300·8	15th	279·7	275·2	31st	287·5	..	..	43	..
206																		
207	Valdez	61 6	146 13	3·1	1012·5	1012·8	..	289·4	297·4	12th	279·6	275·8	21st	284·5	..	..	111	..
208	Eagle	64 46	141 12	248·4	979·3	1009·5	..	295·8	300·8	4th	276·4	270·2	20th	286·1	..	..	27	— 31
209	Dawson	64 4	139 20	328	970·2	1010·2	—1·3	295·7	301·3	3rd	279·4	274·1	12th	287·6	—0·8	..	15	— 30
210	Carcross	60 11	134 34	662	..	..	..	290·8	296·3	4th	278·8	275·2	21st	284·8	..	..	37	..
211																		
212	Fort Simpson	61 52	120 43	129	996·4	1011·7	..	297·8	303·6	1st	283·6	277·4	31st	290·7	+2·0	*291·5*	0*	— 48
213	Hay River	60 51	115 20	161	993·5	1012·7	..	292·8	299·7	19th, 20th	281·6	274·1	8th	287·2	—2·2	..	26	..
214	Fort Resolution	61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	8	..
225	Jacobshavn	69 13	51 2	12·6	1009·1	1010·6	+0·1	283·3	290·2	25th	276·6	273·6	16th	280·0	—1·1	279·7	33	+ 5
226	Godthaab	64 11	51 44	9·0	1006·0	1007·1	—2·8	..	..	..	276·1	274·2	17th	..	—0·4	278·9	59	— 1
229	Angmagsalik	65 37	37 34	31·7	1006·0	1009·9	+2·7	283·9	287·5	20th	275·2	270·7	13th	279·6	..	*278·7*	108	..
230																		
231	Stykkisholm	66 5	22 46	11·3	1012·0	1013·4	+3·2	286·5	291·0	28th	281·7	278·1	12th	284·1	+1·3	*284·1*	26	— 8
232	Vestmanno	63 26	20 15	7·7	1013·9	1014·7	+4·5	287·2	292·1	5th	281·5	278·7	12th	284·4	+0·1	*283·8*	186	+108
233	Grimsey (Akureyri)	66 33	17 58	22·0	1012·2	1014·8	+4·2	286·5	291·2	2nd	278·0	275·2	5, 11, 12	282·3	+2·2	*282·1*	15	— 15
234	Berufjörd	64 40	14 19	18·0	1011·0	1013·2	+2·8	288·7	293·2	2nd	279·7	276·0	6th, 7th	284·2	+2·1	*283·7*	26	— 35
235	Thorshavn	62 3	6 45	25·7	1014·7	1017·8	+6·5	286·9	290·6	22nd	281·7	277·6	21st	284·3	+0·5	*284·4*	35	— 57
236	Lerwick	60 9 W	1 8	18·0	1015·5	1017·7	+6·7	286·7	289·1	30th	282·8	279·7	9th	284·7	+0·2	*284·1*	9	..
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1008·3	1013·6	+2·6	..	298·9	23rd	283·9	280·4	6th	..	—0·3	*287·1*	30	—128
238	Christiansund	63 7	7 45	17·8	1012·8	1015·0	+4·1	..	296·1	9th	283·2	278·9	6th	..	—0·4	*286·6*	58	— 9
239	Trondhjem	63 26	10 25	39·5	1010·0	1014·7	+4·0	..	296·1	9th	283·2	278·0	7th	..	—0·6	*285·0*	71	0
240	Bodö	67 17	14 24	20·5	1012·7	1015·2	+4·6	..	295·0	11th	282·3	278·0	8, 27, 28	290·0	+2·3	*290·3*	36	— 10
241	Haparanda	65 50	24 9	9·2	1011·7	1012·8	+2·8	296·3	305·0	22nd	283·6	277·0	..	290·0	+2·3	*290·3*	36	— 24
242	Helsingfors	60 10	24 57	11·7	..	1009·4	—1·2	..	300	..	..	281	..	292·2	+2·1	*291·7*	36	
242a	Kuopio	62 54	27 40	99·7	..	1012·7	+2·0	..	299	..	..	279	..	292·0	+1·4	*291·4*	17	..
243	Kola	68 53	33 1	6·7	1014·2	1015·0	+4·7	294·1	302·6	14th	282·2	274·1	30th	288·2	+3·8	*289·0*	57	+ 22
244	Petrozavodsk	61 47	34 23	38·9	..	1012·3	+1·7	..	298·0	23rd	..	274	..	291·3	+1·2	*290·8*	..	..
245	Arkhangelsk	64 33	40 32	6·7	..	1014·4	+4·2	..	301	..	..	279	..	291·0	+1·8	*290·5*	38	— 19
246	Velsk	61 5	42 7	? 83	1002·3	1012·1	..	296·1	301·4	24th	285·1	278·8	30th	290·6	..	*291·0*	43	..
247	Oust-Tsylma	65 27	52 10	? 25	..	1016·2	+6·1	..	303	..	..	274	..	288·9	+0·7	*288·4*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	1000·0	1014·7	..	..	303·4	5th	281·9	275·7	4th	289·9	..	*289·4*	31	..
249	Berezov	63 56	65 4	39·9	1010·8	1015·6	+6·6	..	300·6	7th	283·8	276·4	3rd	288·8	—0·5	*288·3*	26	— 36
250	Obdorsk	66 31	66 35	23·7	1013·5	1016·3	+8·0	..	300·0	6th	281·0	274·4	28th	286·7	—0·6	*286·2*	53	+ 12
251	Sourgout	61 15	73 24	? 40	1007·2	1011·9	+4·2	..	302·0	7th	283·2	271·8	30th	290·4	+0·6	*289·8*	44	— 24
252																		
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	1009·4	1011·8	..	..	294·8	7th, 8th	277·8	272·5	3rd	282·9	..	*282·6*	24	..
261	Olekminsk	60 22	120 26	? 135	989·5	1005·3	+0·4	..	304·5	28th	285·6	280·5	3rd	291·5	—0·7	*291·1*	51	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maïskoe	60 25	134 29	? 100	..	..	..	..	305·0	..	283·5	274·3	..	293·6	..	*293·2*	18	..
272	Novo-Mariinskii Post	64 45 N.	177 33 E.	5·2	1012·8	1013·4	..	..	290·0	16th	279·9	268·4	3rd	283·9	..	..	2	..
		° ,	° ,	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JULY—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Lati-tude.	Longi-tude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1015·2	..	285·9	289·7	sev. dates	280·1	277·4	sev. dates	283·0	..	..	71	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	1013·9	1017·3	+2·2	289·8	295·2	6th	281·7	277·4	28th	285·7	+0·1	..	71	− 19
310	Prince Rupert	54 18	130 18	52	..	1017·6	..	289·3	294·1	20th	283·7	281·9	1st, 28th	286·4	..	..	196	..
311	Barkerville	53 2	121 35	1274	..	1016·2	..	290·9	299·1	19th, 20th	277·2	273·0	3rd, 8th	284·1	−1·7	*284·1*	55	− 25
312	Kamloops	50 41	120 29	380	..	1013·9	−0·3	299·6	310·1	21st	285·8	279·0	3rd	292·7	−1·3	*292·6*	24	− 8
313	Calgary	51 2	114 2	1033	..	1012·5	+1·0	297·6	303·6	24th	281·0	276·3	30th	289·3	+0·2	*289·7*	15	− 57
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	958·3	1008·8	−1·7	296·2	303·0	22nd	283·5	278·6	17th	289·8	+0·1	*290·2*	121	+ 60
316	Qu'Appelle	50 30	103 47	645	..	1012·2	−0·6	295·6	301·9	25th	282·5	275·8	27th	289·1	−1·7	*289·3*	93	+ 24
317	Minnedosa	50 15	99 50	518	..	1013·2	..	295·6	305·2	29th	282·5	278·6	15th, 24th	289·0	−1·6	*288·7*	98	+ 31
318	Berens River	52 18	97 23	216	..	..	..	..	..	..	..	..	..	..	..	..	..	..
318a	York Factory	57 0	92 28	11	1009·9	1011·2	+0·4	..	..	..	279·4	273·0	9th	..	..	..	..	..
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	1010·0	1011·1	..	293·3	303·0	1st	280·8	273·0	5th, 12th	287·1	−2·3	..	70	+ 6
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1008·4	..	..	288·9	299·1	17th	276·8	273·0	21st	282·9	..	..	80	+ 13
326	Point Riche	50 42	57 25	10·7	..	..	..	..	293·0	..	..	279·1	..	285·3	−5·2	..	102	− 66
327	Belle Isle	51 53	55 23	133	994·1	1010·4	−3·8	281·3	288·0	11th	275·8	270·8	6th, 7th	278·6	−4·3	..	66	..
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1019·8	1021·5	+6·0	290·8	296·9	1st	284·8	280·2	8th	287·8	−0·2	287·8	27	− 72
335	Aberdeen	57 10	2 6	27·4	1015·2	1018·5	+5·8	288·9	293·0	2nd	283·1	277·4	9th	286·0	−1·0	285·9	28	− 46
336	Greenwich	51 28	W 0 0	48·5	1012·0	1017·9	+2·4	293·1	297·4	12th	284·0	280·8	8th	288·6	−1·3	287·7	54	− 7
337	Uccle	50 48	E 4 22	100	1004·4	1016·4	+0·5	292·8	300·2	14th	283·5	278·0	8th	288·2	−2·3	287·6	100	+ 22
338	De Bilt	52 6	5 11	3·0	1015·6	1016·0	+0·4	292·1	299·9	15th	284·3	279·7	10th	288·2	− 2	287·8	98	+ 20
338a	Hamburg	53 33	9 59	26·0	1010·7	1013·8	−0·1	292·1	297·0	14th	285·6	282·0	8th	288·8	−1·5	*288·5*	93	+ 34
339	Copenhagen	55 41	12 36	5·0	1011·2	1011·8	−1·0	292·2	295·5	25th	286·0	282·6	3rd	289·1	−0·5	*289·1*	27	− 39
340	Potsdam	52 23	13 4	84·9	1003·0	1013·2	−1·2	294·6	301·0	15th	284·5	280·7	9th	289·6	−1·3	288·9	49	+ 67
340a	Upsala	59 51	17 38	24·0	1007·3	1010·1	−0·1	294·2	300·1	13th	284·1	279·4	6th	289·2	+0·2	289·4	134	+ 57
341	Warsaw	52 15	21 1	120	..	1009·2	−4·5	..	298	..	..	283	..	289·9	−2·2	*289·6*	111	+ 40
342	Jurjev	58 23	26 43	74·5	..	1008·3	−2·5	..	301	..	..	280	..	292·0	+1·4	*291·4*	45	..
343	Petrograd	59 56	30 16	4·8	..	1009·5	−0·8	..	301	..	..	283	..	292·4	+1·4	*292·1*	28	− 40
344	Kiev	50 27	30 30	182·9	..	1005·6	−6·6	..	301	..	..	283	..	291·3	−1·5	*290·7*	193	+ 117
344a	Moscow	55 45	37 34	156	..	1007·6	−3·2	..	299	..	..	282	..	291·6	−0·7	*291·2*	135	+ 67
345	Saratov	51 32	46 3	59·9	..	1007·9	−2·4	..	304	..	..	286	..	295·6	−0·3	*295·0*	34	− 8
346	Kazan	55 47	49 8	79·8	..	1010·0	−0·1	..	301	..	..	283	..	293·1	0·0	*292·7*	53	− 4
347	Orenburg	51 45	55 6	114·1	..	1008·4	−1·9	..	308	..	..	285	..	295·7	+0·5	*295·1*	48	+ 28
348	Perm	58 1	56 15	163·0	..	1011·5	+2·4	..	301	..	..	282	..	291·8	−0·3	*291·2*	88	..
349	Ekaterinburg	56 50	60 38	288·9	..	1012·4	+3·5	..	299	..	..	280	..	290·4	−0·6	*289·8*	87	+ 14
350	Tobolsk	58 12	68 14	108·3	1000·0	1012·8	..	..	302·0	6th	285·9	278·8	29th	291·2	−1·6	*290·6*	50	− 13
351	Akmolinsk	51 12	71 23	? 347	969·9	1009·7	+1·5	..	305·1	11th	285·7	279·6	16th	294·0	−0·2	*293·4*	24	− 37
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	25	− 56
353	Barnaoul	53 20	83 47	162·2	990·4	1009·4	+2·2	..	301·4	12th	284·6	277·1	31st	291·3	−1·9	*290·7*	103	+ 40
354	Tomsk	56 30	84 58	121·6	993·9	1008·3	+1·3	..	300·8	9th	283·6	277·9	4th	289·1	−3·6	*288·5*	116	..
355	Minousinsk	53 43	91 41	? 245	978·8	1007·2	..	..	304·1	15th	285·2	279·2	5th	292·1	..	*291·5*	51	+ 6
356	Eniseisk	58 27	92 11	84·4	997·5	1007·5	+0·5	..	300·4	10th	284·0	279·6	5th	290·0	−3·0	*289·4*	95	+ 38
357	Irkutsk	52 16	104 19	467·0	952·8	1006·4	−0·3	..	302·5	16th	283·2	279·1	22nd	290·1	−2·0	*289·6*	79	..
358	Kirensk	57 47	108 7	? 263	976·3	1006·9	..	..	301·3	31st	283·5	276·1	6th	289·9	..	*289·4*	114	..
359	Tchita	52 2	113 30	663·7	929·0	1003·5	..	..	307·0	19th	285·3	280·7	11th, 13th	292·4	..	..	121	− 39
360	Blagoveshchensk Priisk	58 10	114 17	? 490	949·1	1005·2	..	..	302·5	17th	282·3	272·1	6th	290·5	..	*290·0*	88	+ 59
360a	Nertchinsk	51 59	116 35	484·3	948·0	1002·7	..	..	308·9	18th, 19th	287·9	283·7	5th	294·3	+2·7	*293·9*	171	..
361	Tygan Ourkan	54 5	124 46	? 359	965·1	1006·2	..	300·7	301·9	18th	282·5	272·8	3rd	291·6	..	*292·1*	37	..
362	Blagoveshchensk	50 15	127 38	133·6	991·4	1006·9	..	..	304·1	19th	288·8	283·0	2nd	293·9	−0·8	*293·5*	88	..
363	Paikanskii Sklad	50 11	130 7	? 145	..	..	..	..	302·2	22nd	285·4	278·3	6th, 7th	291·9	..	*291·5*	?60	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1009·5	1012·1	+5·0	..	298·1	20th	283·5	275·7	6th	289·1	−0·7	*288·8*	2	− 50
366	Okhotsk	59 21	143 17	6·0	1011·9	1012·6	+3·4	287·6	296·9	21st	281·2	277·3	2nd	284·4	−2·6	*284·0*	23	− 15
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	1003·1	1013·7	+4·7	287·0	297·1	9th	281·3	275·9	1st	284·2	−3·3	..	44	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JULY—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Lati-tude.	Longi-tude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
411	Victoria, B.C.	48 24	123 19	25·9	..	1017·3	+1·1	295·1	302·7	20th	284·1	280·4	29th	289·6	+0·6	289·7	11	+ 3
412	Portland, Oregon	45 32	122 41	46·6	1012·5	1017·9	+0·3	298·6	309·7	31st	287·4	283·6	11th	292·9	+0·8	*292·6*	6	− 8
413	Macleod	49 44	113 24	954	..	..	..	297·0	305·2	25th	282·6	278·0	17th	289·8	−1·4	*290·2*	51	+ 27
414	Helena	46 34	112 4	1253	875·7	1015·2	+1·7	298·0	306·3	6th	284·1	279·1	14th	291·0	−1·2	*291·4*	37	+ 10
414a	Salt Lake City	40 46	111 54	1329	868·3	1013·2	+0·7	302·4	309·1	6th	289·7	285·2	12th	296·1	−1·5	*296·7*	14	0
415	Cheyenne	41 8	104 48	1856	817·5	1015·2	+2·0	299·1	306·3	13th	283·6	279·1	31st	291·4	−1·2	*291·6*	36	− 15
416	North Platte	41 8	100 45	859	917·7	1014·9	+1·4	304·1	310·8	15th	288·6	281·3	12th	296·6	+0·3	*296·7*	86	+ 18
416a	Bismarck	46 47	100 38	510·6	955·6	1015·2	+1·7	300·2	309·7	29th	285·2	280·8	13th	292·8	−1·4	*292·9*	69	+ 15
417	Winnipeg	49 53	97 7	231·6	..	1012·8	0·0	297·1	304·1	29th	284·9	280·9	13th	291·0	−0·8	*290·3*	53	− 31
418	Duluth	46 47	92 6	345·1	973·9	1014·5	+0·3	293·6	300·8	8th	284·1	279·1	11th	288·8	−3·1	*288·8*	157	+ 64
419	Port Arthur	48 27	89 12	196·3	..	1014·2	0·0	295·1	300·8	8th	283·1	278·6	6th	289·1	−0·6	*289·0*	159	+ 62
420	Chicago	41 53	87 37	250·9	986·4	1015·6	+0·3	300·8	310·2	29th	292·4	288·0	21st	296·8	+1·4	*296·6*	84	− 8
421	Toronto	43 40	79 24	106·7	..	1014·2	−0·3	300·5	307·9	1st	287·9	282·9	26th	294·2	+0·6	294·0	68	− 7
422	New York	40 43	74 0	95·7	1003·4	1014·5	−0·7	301·3	308·0	30th	292·4	286·9	7th	296·9	+0·8	297·2	77	− 38
423	St. John, N.B.	45 17	66 4	21·3	..	1012·5	−1·0	292·5	299·7	30th	285·8	284·3	1st	289·1	−0·2	*288·7*	90	+ 17
424	S. W. Point, Anticosti	49 24	63 35	12·2	..	1009·8	−1·4	291·9	297·7	19th	278·9	275·8	1st	285·4	−1·2	..	56	− 26
425	Sable Island (Main Station)	43 57	60 6	7·6	..	1018·3	..	289·7	293·6	29th	284·3	281·3	1st, 18th	287·0	−1·1	..	53	..
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1013·5	−0·7	290·9	300·2	8th	282·3	277·4	1st, 19th	286·6	−1·4	..	135	+ 43
435	Madrid	40 24	3 41	655·4	941·6	1014·8	0·0	307·5	315·8	23rd	287·5	282·6	9th, 10th	297·5	−0·5	297·6	2	− 10
436	Nantes	47 15	W 1 34	41·4	1013·0	1017·9	−0·3	296·1	302·9	29th	285·4	280·9	8th	290·8	−1·4	*290·5*	19	− 38
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1011·1	1017·1	+0·3	294·3	299·8	13th	284·7	279·6	9th	289·5	−2·3	*289·0*	75	+ 23
438	Marseilles	43 18	5 23	75·0	1004·7	1013·5	−1·6	299·2	302·7	29th	287·3	284·4	25th	293·3	−2·1	293·2	2	− 19
438a	Zürich	47 23	8 33	493·2	958·9	1016·3	−1·2	..	300·4	14th	..	283·0	8th	..	−3·5	287·9	109	− 23
439	Rome	41 54	12 29	63·4	..	1013·0	−2·3	300·4	304	29th	289·9	288	13th	295·2	−2·2	*295·4*	23	+ 4
440	Vienna	48 15	16 22	202·5	988·1	1012·0	−3·0	292·9	297·8	15th	285·8	282·7	22nd	289·4	−3·4	289·1	158	+ 87
440a	Buda-Pesth	47 30	19 2	129·6	995·4	1010·7	−3·6	296·2	300·9	26th	286·8	286·2	9th	291·5	−2·9	*291·0*	84	+ 29
441	Bucharest	45 25	26 6	82	999·4	1009·0	−3·3	..	305·5	9th	..	282·9	11th	293·1	−2·8	..	73	+ 1
443	Odessa (University)	46 29	30 46	65·3	..	1008·6	−4·2	298·9	301·3	16th	289·8	286·5	23rd	294·4	−1·8	*293·3*	31	− 19
444	Kharkov (University)	50 0	36 14	140	..	1007·4	−4·2	..	302	..	..	285	..	292·3	−1·9	*291·7*	96	+ 36
444a	Novorossiisk	44 40	37 49	37	..	1008·2	−2·1	..	308	..	..	289	..	295·4	−1·9	*294·8*	26	− 19
445	Tiflis	41 43	44 48	409	..	1009·6	−2·2	..	303	..	..	287	..	297·8	+0·1	*297·6*	40	− 13
446	Astrakhan	46 21	48 2	−14	..	1009·1	−1·5	..	309	..	..	..	..	298·8	−0·2	*298·4*	21	+ 7
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	....	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1005·6	−3·9	..	314	..	..	292	..	301·2	−0·5	*300·8*	..	..
449	Tachkent	41 20	69 18	479·2	949·4	1002·3	−2·0	310·6	313·6	30th	291·5	287·6	2nd	301·1	+0·8	*300·7*	0	− 2
450	Tourgay	49 38	63 27	? 130	994·0	1008·9	..	..	310·0	30th	291·5	285·7	17th	298·7	..	..	18	..
451	Narynskoe	41 26	76 2	? 2015	793·4	..	..	..	305·4	31st	282·1	277·8	4th	291·2	+0·9	*290·6*	8	− 29
452	Vernyi	43 16	76 53	824·8	915·1	1005·8	+2·3	303·9	309·1	27th	..	..	..	297·2	+0·7	*296·6*	0	− 27
461	Mukden	41 48	123 23	43·8	1000·8	1005·8	+1·7	302·5	307·6	15th, 16th	291·4	283·7	4th	297·0	−0·5	296·9	52	−105
462	Joshin	40 40	129 11	4·0	1007·5	1008·0	+1·2	293·8	302·6	26th	288·6	283·6	8th	291·2	−2·0	290·8	121	− 1
463	Vladivostok	43 7	131 54	26·8	1006·0	1009·2	−0·3	291·1	302·5	26th	286·7	281·6	7th	288·9	−3·7	*288·3*	158	+100
464	Ochiai	47 20	142 44	6·6	1011·6	1012·4	..	288·4	300·8	19th	280·7	274·8	31st	284·6	..	284·5	183	..
465	Nemuro	43 20	145 35	26·7	1008·1	1011·3	+1·1	288·0	295·3	23rd	282·4	275·3	3rd	285·2	−2·4	284·8	198	+114
		N.	E.															

Between Latitude 40° N. and 30° N.

JULY—ZONE 5 (Western Half).

511	San Francisco	37 48	122 26	47·2	1009·5	1015·2	+1·0	292·4	305·2	11th	285·2	283·0	14th	288·9	+1·8	*288·2*	2	+ 2
512	San Luis Obispo	35 18	120 39	61·3	1008·4	1015·6	+1·4	298·6	308·6	9th	285·8	282·4	15th	292·0	+1·7	*291·5*	0	0
513	Modena	37 48	113 54	1670	835·7	1012·8	+1·7	301·9	308·0	10th	285·8	279·7	26th	294·0	+0·1	*294·3*	21	− 10
514	San Diego	32 43	117 10	26·5	1011·2	1014·2	+1·0	295·8	298·6	7th	290·8	288·6	25th	293·1	+0·7	*292·9*	2	− 3
515	Santa Fé	35 41	105 57	2138	792·0	1012·2	+0·3	300·8	305·2	11th	287·4	284·1	30th	293·9	+0·5	*293·6*	28	− 41
516	Denver	39 45	105 0	1613	840·8	1015·2	+2·4	302·4	310·2	13th	287·4	283·0	28th	295·0	−0·1	*295·1*	45	+ 3
517	Abilene	32 23	99 40	529·6	955·3	1014·5	+1·0	308·6	311·9	10th	295·2	291·9	21st	302·1	+1·2	*301·9*	18	− 43
518	Saint Louis	38 38	90 12	172·8	995·6	1015·6	0·0	305·2	311·9	18th	295·2	290·8	25th	300·1	+0·9	300·0	92	+ 5
519	Mobile	30 41	88 2	17·4	1016·2	1018·3	+2·0	304·7	309·7	6th	296·3	294·1	6th	300·4	+0·5	*299·8*	112	− 66
520	Nashville	36 10	86 47	166·4	998·3	1017·6	+1·4	305·8	309·7	18th	295·2	290·2	22nd	300·5	+1·2	*300·2*	104	− 8
521	Charleston	32 47	79 56	14·6	1016·2	1017·9	+1·0	304·7	308·0	3rd	297·4	294·7	15th	301·1	+0·7	*300·5*	140	− 46
522	Washington	38 54	77 3	34·1	1011·5	1015·2	−0·7	304·1	309·1	29th	292·4	287·4	26th	298·3	+0·4	*298·0*	82	− 36
523	Bermuda	32 17	64 46	46·0	1015·9	1021·3	+1·4	301·1	302·8	26th	294·1	291·3	1st	297·6	−1·2	*298·3*	56	− 39
524	Horta	38 32	28 38	30	..	1025·5	+1·0	297·4	301	14th	292·5	290	7th	295·0	+0·9	..	18	− 25
531	Ponta Delgada	37 44	25 40	17	..	1023·4	−0·4	295·9	298	15th	291·3	290	sev. dates	293·6	−0·7	..	7	+ 4
532	Madeira (Funchal)	32 37	16 54	25	1017·4	1020·3	−0·3	296·6	305·1	1st	287·6	285·5	10th	292·1	−0·9	..	0	− 2
533	Lisbon	38 43	9 9	95·4	1005·9	1017·1	−0·3	299·4	312·4	19th	290·3	287·2	8th	294·9	+0·2	*294·5*	0	− 4
534	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
535	Gibraltar	36 6	5 21	16·2	1015·1	1017·0	+1·5	301·6	306·9	24th	291·7	289·7	8th	296·6	−0·2	*295·2*	0	− 1
536		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JULY—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1008·3	1012·7	−3·2	302·3	311·3	23rd	293·6	290·4	1st	298·0	−0·4	*297·5*	0	− 4
538	Palma	39 33	2 42	..	..	1017·1	−0·3	301·2	306	30th	293·4	291	9, 10, 13	297·3	−0·5	..	6	− 5
538a	Tunis	36 48	10 10	43	1013·6	1018·6	+2·6	303·8	313·4	7th	291·6	287·0	2nd	297·7	−1·8	..	0	− 2
539	Malta	35 54	14 31	59	..	1016·4	−0·1	299·6	304	31st	293·1	289	6th	296·4	−2·2	..	0	− 4
540	Catania	37 30	15 3	64·9	..	1013·8	−1·0	302·0	309·7	8th	292·9	291·2	3rd	297·5	−1·1	..	0	− 7
541	Athens	37 58	23 43	107·1	..	1011·1	−1·9	303·0	306	5, 7, 8	293·6	290	1st	298·3	−2·0	*297·9*	0	0
542	Alexandria	31 9	29 54	32·0	..	1012·0	+2·4	302·3	312	13th	295·2	293	2nd	298·8	−0·7	*297·8*	0	
543	Cairo (Helwan)	29 52	31 20	115·6	..	1011·4	+1·7	307·6	316	13th	292·8	291	4th, 26th	300·2	−0·7	*300·0*	0	0
544	Nicosia	35 12	33 24	22·1	..	1006·7	−0·1	308·4	315	13th	291·2	287	6th	299·8	−1·4	*298·8*	4	+ 2
544a	Beirut	33 54	35 28	52·4	..	1008·8	+1·7	301·9	304	7th, 13th	295·3	293	3, 4, 5	298·6	−1·0	..	0	0
545	Baghdad	33 21	44 28	38·7	996·8	1001·2	+0·7	315·3	319·2	14th	298·7	294·1	28th	307·0	−0·1	..	0	− 19
546	Lenkoran	38 46	48 52	−19	1009·2	1007·0	−3·0	..	305·2	22nd	294·8	290·3	3rd	299·6	+0·6	*299·4*	6	− 6
547	Busrah	30 31	47 53	7·6	997·9	999·0	−0·4	313·0	316·6	13th	300·5	291·7	27th	306·8	+0·1	..	0	− 2
548	Meshed	36 16	59 35	946	900·1	1000·6	..	309·2	313·2	31st	288·9	284·7	2nd	299·1	+0·9	..	0	
549	Quetta	30 11	67 3	1677	826·4	..	+0·5	307·0	310·7	27th	291·7	286·2	5th	299·4	+0·4	*299·2*	5	− 14
550																		
551	Lahore	31 34	74 20	214	975·9	999·4	+1·5	309·1	313·5	11th	299·2	294·2	2nd	304·2	−1·1	*303·7*	192	+ 54
551a	Simla	31 7	77 8	2204·8	777·7	..	+1·3	292·3	293·9	11th	288·2	285·2	6th	290·3	−0·8	*290·1*	277	+ 2
552	Leh	34 10	77 42	3503	665·1	..	−0·9	296·1	300·7	20th	282·2	277·4	4th	289·1	−1·9	*288·1*	9	− 262
552a	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	426	
559	Hang Kow	30 35	114 17	37·0	1001·0	1005·2	+1·4	304·9	309·8	24th	297·3	294·9	9th	301·1	−1·2	*300·6*	104	− 113
560	Tiensin	39 10	117 10	5·0	1005·0	1005·6	+1·8	304·6	311·1	24th	295·4	292·5	4th	300·0	+0·1	..	75	− 91
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1004·3	+0·4	304·6	309·1	3rd	295·5	290·5	9th	300·1	−0·8	299·1	228	+ 35
562	Jinsen (Chemulpo)	37 29	126 32	67·6	999·5	1007·4	+1·3	297·8	304·3	31st	291·5	287·0	8th	294·7	−1·7	294·1	270	+ 68
562a	Nagasaki	32 44	129 52	133·0	993·0	1008·3	−0·4	301·3	305·7	30th	294·2	290·0	9th	297·8	−1·3	297·4	156	− 90
563	Kioto	35 1	135 44	42·9	1003·5	1008·4	−0·8	304·1	309·0	28th	291·2	283·8	10th	297·6	−0·7	297·3	38	− 197
564	Tokio	35 41	139 45	21·3	1005·9	1008·4	−1·2	300·8	305·0	27th	293·4	289·9	3rd	297·1	−0·8	296·3	88	− 52
565	Miyako	39 38	141 59	30·4	1006·2	1009·8	+0·2	294·6	303·3	25th	287·7	282·8	2nd	291·2	−2·5	290·3	103	+ 59
566																		
		N.	E.															

JULY—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.															
605	Honolulu	21 19	157 52	11·6	1015·6	1016·9	−0·3	301·4	303·0	19th	295·9	294·1	5th	298·7	+0·3	..	5	− 39
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1798·6	824·9	..	+1·0	299·2	301·5	23rd	287·5	284·0	21st	293·4	+0·1	..	153	− 4
617	Galveston	29 18	94 50	16·5	1015·9	1017·9	+2·7	304·1	310·2	20th	298·6	296·9	20th	301·4	+0·1	*301·3*	38	− 64
618	New Orleans	29 58	90 4	15·5	1016·2	1017·9	+2·0	304·7	308·6	19th	296·3	293·0	6th	300·6	+0·2	*300·0*	136	− 28
619	Havana	23 8	82 22	24·3	..	1018·3	+1·7	303·0	304·6	9th	296·4	294·4	14th	299·7	−0·8	*299·4*	68	− 55
620	Key West	24 33	81 48	6·7	1017·3	1017·9	+1·0	304·1	305·2	17th	298·6	295·8	11th	301·2	−0·5	*301·3*	25	− 21
621	Nassau, Bahamas	25 5	77 21	7·6	..	1019·0	+2·0	303·5	304·9	17, 18, 19	297·2	294·4	7th	300·4	−0·5	..	141	
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	....	..	..	..	..	..	..	..	..	..
634	Las Palmas, Canary Islands	28 7	W15 26	7	1017·2	1018·0	−0·3	298·7	302·0	1st	292·6	290·6	18th	295·7	+0·1	..	1	
637	Insalah	27 17	E 2 27	330	..	..	..	319·2	323·0	31st	299·3	293·0	1st	309·3	−0·7	*309·3*	0	
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1012·3	+1·2	314·9	322	13th	296·5	294	16th	305·7	+1·1	*307·0*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1008·7	+0·5	313·6	320	14th	296·3	292	27th	305·0	0·0	*305·5*	..	0
643	Suez	29 57	32 32	3·4	..	1011·4	+2·9	309·5	316	13th	292·7	290	3rd	301·1	−0·4	..	0	..
644	Aswan	24 2	32 53	99·6	..	1007·6	−0·1	314·6	319	14th	297·3	295	30th	306·0	−0·4	*307·6*	..	0
647	Bushire	28 59	50 53	4	997·6	998·1	+0·7	307·1	309·3	8th	301·6	296·9	3rd, 4th	304·3	−0·8	..	0	0
648	Jask	25 44	57 47	4	998·0	998·5	−0·3	308·4	311·5	11th	303·0	301·2	8th	305·7	+0·3	..	0	− 19
649	Kurrachee	24 53	66 57	4	999·4	999·8	+0·5	304·1	306·1	2nd, 10th	300·1	297·4	21st	302·1	+0·3	*301·4*	268	+ 159
650	Hyderabad, Sind	25 24	68 18	29	994·4	997·6	−0·1	309·6	316·4	9th	299·9	296·1	21st	304·8	−0·4	..	336	+ 261
651	Jaipur	26 56	75 52	436	952·6	1000·3	+0·9	306·4	308·9	16th, 25th	297·7	295·6	7th	302·1	−0·8	*301·4*	111	+ 89
652	Nagpur	21 8	79 5	310	967·7	1002·1	+0·5	304·2	308·9	3rd	296·9	295·7	6th, 19th	300·6	+0·1	*300·0*	309	− 57
653	Allahabad	25 25	81 51	94	989·7	1000·1	+1·0	307·7	311·9	11th, 12th	299·2	296·9	31st	303·4	+0·7	*302·8*	177	− 123
654	Calcutta	22 36	88 23	6	999·0	999·7	+0·5	304·4	307·7	12th	299·2	297·3	4th	301·8	+0·3	*301·6*	368	+ 40
655	Gauhati	26 8	91 41	59	995·4	1002·0	..	305·6	309·0	25th, 30th	298·3	295·8	3rd	302·0	..	..	245	− 17
655a	Cherrapunji	25 15	91 42	1314	866·7	..	..	296·7	299·8	17th	291·1	289·4	5th, 11th	293·9	..	..	1924	− 735
656	Shillong	25 33	91 48	1500	844·4	..	..	296·8	299·6	30th	290·5	288·4	13th	293·7	..	..	395	+ 151
656a	Akyab	20 11	92 56	6	1002·8	1003·5	+0·5	302·7	305·2	9th	297·8	294·9	18th	300·2	+0·1	*300·3*	1491	+ 89
657	Phu Lien	20 48	106 37	115·6	988·9	1002·0	−0·9	305·5	307·5	7th	298·3	295·8	16th	301·9	−0·2	*301·2*	192	− 105
658	Moncay	21 31	107 51	9	1001·2	1002·2	−0·5	305·6	309·0	26th	297·7	295·3	15th	301·7	+0·1	*301·0*	391	
659																		+ 64
660	Hong Kong	22 18	114 10	33·2	999·7	1003·4	−1·5	304·2	306·3	20th	299·0	297·1	31st	301·6	+0·5	301·2	382	
661	Taihoku, Formosa	25 2	121 31	9·3	1003·1	1004·1	−1·7	305·7	307·9	7th	297·4	296·0	2nd	301·5	+0·1	301·1	398	+ 192
662	Naha	26 13	127 41	10·5	1006·1	1007·3	−0·6	305·0	307·3	23rd	298·0	294·3	9th	301·5	+0·5	301·2	96	− 88
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JULY—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	811·1	..	..	296·1	298·4	22nd	285·1	282·7	12th	290·6	..	*289·5*	313	..
717	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	19 26	99 8	2280	781·6	..	+0·9	295·4	296·6	12th	284·8	282·6	14th	290·1	−0·6	289·2	135	+ 20
718a	Oaxaca	17 4	96 44	1563	848·2	..	..	299·5	301·4	11th, 27th	287·2	285·2	16th	293·4	..	*292·3*	56	..
719	Belize	17 29	88 12	1·9	1017·8	1018·0	+2·1	302·4	304·1	20th	297·2	295·8	16th	299·8	−2·2	*298·7*	333	+ 70
720	San Salvador	19 29	89 9	657	939·5	1013·0	+1·8	..	305·0	..	..	284·2	..	296·6	+0·6	..	229	− 90
721	Jamaica (Negril Point)	13 44	89 9	10·1	..	1015·9	+1·7	303·4	304·9	23rd	295·2	292·9	9th	299·3	−0·5	*299·4*	116	− 34
722	Port au Prince	18 15	78 23	4	..	..	..	..	..	..	..	....	..	..	..	..	..	..
723	St. Croix (Christiansted)	18 34	72 22	37·4	..	..	..	305·3	304·5	4th	298·0	297·8	17th	300·7	..	..	43	..
724	Grenada (Richmond Hill)	17 45	64 42	6·6	1015·2	1015·9	..	302·1	303·6	9th	296·8	295·8	3, 8, 20	299·5	+0·4	*298·8*	107	− 134
725	Barbados	13 3	61 45	155·1	995·7	1013·6	+0·4	303·1	303·8	11th, 29th	295·9	294·6	28th	299·5	−0·4	*299·3*	199	+ 47
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·1	1014·3	+0·8	298·8	303·0	26th	293·8	291·4	18th	296·3	−1·5	..	0	− 6
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·5	1016·4	..	301·3	304·6	6th	296·8	295·5	14th	299·0	+0·5	..	0	− 12
733	Bathurst	13 24	16 36	1·5	1013·2	1013·4	+0·7	304·2	307·4	24th	294·6	293·0	29th	299·4	−0·1	*301·0*	76	− 212
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
735	Ségou	13 34	6 17	? 272	..	..	..	..	..	..	295·1	292·5	14th	..	..	..	98	..
736	Timbouctoo	16 43	W 2 52	250	981·2	1008·8	+0·5	316·1	319·0	24th	298·1	294·0	13th	307·1	+1·5	*306·2*	47	..
737	Sokoto	13 2	E 5 14	354	..	..	..	307·2	309·7	10, 23, 31	295·5	292·4	24th	301·4	+0·9	..	72	− 100
738	Kontagora	10 24	5 24	400	..	..	..	303·8	306·9	27th	294·4	293·0	9, 10, 14	299·1	+0·7	..	145	− 60
739	Maiduguri	11 48	13 12	370	..	..	..	310·6	313·0	23rd	296·9	292·4	6th	303·8	+2·2	..	73	− 73
740	Katagum	12 17	10 22	30·7	..	..	..	308·4	311·9	4th	295·9	293·0	17th	302·2	+1·4	..	120	− 9
742	Kadugli	11 2	29 45	503	..	..	..	305·9	309·5	19th	294·2	291·5	3, 16, 17	300·1	..	..	88	..
743	El Obeid	13 11	30 14	585	..	1012·8	+0·3	308·8	311	3rd, 8th	295·7	291	11th	302·2	+1·1	*302·0*	39	− 59
744	Khartoum	15 37	32 33	390	..	1009·5	+0·8	313·1	315	8th	298·9	297	15th, 26th	306·0	+0·7	*306·1*	7	− 35
746	Aden	12 45	45 3	28·7	1001·7	1004·8	+1·0	308·0	309·4	14th, 26th	301·7	298·5	30th	304·9	+0·9	*304·8*	0	− 1
751	Bombay	18 54	72 49	11·3	1003·5	1004·7	−0·3	302·3	303·8	3rd	298·3	296·3	6th	300·3	+0·2	*299·5*	847	+ 207
752	Mysore	12 18	76 40	768	924·1	1008·3	−0·2	300·2	304·6	2nd	292·6	291·2	23rd	296·4	−0·4	*295·3*	121	+ 57
752a	Kodaikanal	10 13	77 28	2343	768·9	..	+0·1	290·5	293·6	1st	284·5	282·7	6th	287·5	+0·2	*286·8*	154	+ 27
753	Madras	13 4	80 14	6·7	1005·2	1005·9	−0·4	308·6	312·4	30th	299·3	294·4	4th	303·9	+0·3	302·8	79	− 25
754	Waltair	17 45	83 16	68·9	995·0	1002·7	+0·5	303·8	308·1	22nd	298·4	296·8	13, 17, 19	301·1	..	*300·3*	178	+ 76
755	Port Blair	11 40	92 40	17·7	1005·6	1007·5	+0·2	302·1	304·2	9th	298·1	296·1	6th	300·1	−0·4	*299·3*	281	− 118
756	Rangoon	16 46	95 48	5·5	1005·9	1006·5	−0·4	302·6	305·2	1, 2, 10	296·9	295·2	29th	299·7	−0·3	*298·7*	783	+ 251
757	Saigon	10 46	106 42	11·2	1005·9	1007·1	0·0	304·0	306·6	4th	296·7	295·4	18th, 23rd	300·4	−0·2	..	298	+ 2
758	Nhatrang	12 16	109 12	6·8	1004·5	1005·2	+0·1	305·5	309·4	30th	296·8	294·2	16th	300·7	−0·9	..	86	+ 26
759	Bolinao	16 24	119 53	9·7	..	1004·7	−1·1	303·6	307·7	4th	296·9	296·0	3rd	300·3	−0·2	299·7	1064	+ 288
760	Vigan	17 34	120 23	14·7	..	1004·4	−1·8	303·8	306·4	4th	297·2	295·4	30th	300·5	−0·2	300·0	1333	+ 633
761	Manila	14 35	120 59	14·2	..	1006·0	−1·3	303·9	307·8	1st	296·8	295·8	27th	300·4	−0·5	299·5	571	+ 169
762	Ormoc	11 0	124 36	5·6	..	1007·3	−0·5	303·7	305·0	4th	297·4	295·0	2nd	300·6	+0·9	300·4	596	+ 271
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1007·4	..	303·8	305·3	2nd	297·8	295·9	11th	300·8	+0·5	..	179	..
		N.	E.															

Between Latitude 10° N. and 0°.

JULY—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.															
805	Fanning Island	3 55	159 23	4·3	..	1010·1	−1·1	305·2	307·4	1st, 29th	298·1	296·9	6, 7, 8	301·7	+0·2	*300·5*	152	− 55
819	Culebra	9 10	79 40	123·1	..	1010·6	+0·2	303·6	305·2	24th	295·8	294·7	4th	299·7	+0·5	..	140	− 97
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
825	El Peru, Guayanavieja	7 30	62 0	? 300	..	..	..	302·4	303·6	3, 14, 22	294·4	293·6	3, 20, 29	298·4	..	..	74	..
826	Georgetown, Brit. Guiana	6 50	58 12	1·8	1016·8	1017·0	+3·8	302·3	303·6	16th	296·4	295·2	9th, 12th	299·4	−0·4	..	348	+ 81
826a	Paramaribo	5 49	55 9	4	1013·7	1014·1	..	302·9	304·2	14th	295·3	294·0	19th	299·1	..	*298·5*	300	+ 91
826	Cayenne	4 56	52 21	6	..	..	..	303·1	304·6	12th, 16th	295·5	293·8	9th	299·3	−0·6	*299·3*	334	+ 158
833	Conakry	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	1124	− 304
834	Sierra Leone	8 30	13 9	68·3	1006·4	1014·3	+1·1	302·9	305·8	3rd	294·3	291·9	5th	298·6	−0·5	..	809	− 79
835	Cape Coast Castle	5 5	1 13	..	..	..	..	301·6	..	..	295·3	..	..	298·4	+0·1	..	99	+ 44
836	Accra	5 35	W 0 6	18	..	..	..	302·3	..	..	296·7	..	..	299·5	+1·7	..	134	+ 98
837																		
838	Lagos	6 22	E 3 28	7·6	..	1014·6	+0·8	301·7	303·7	..	296·2	294·7	..	298·9	+0·7	..	395	+ 108
838a	Zungeru	9 48	6 10	130	..	1013·3	−0·2	303·3	306·3	12th, 27th	293·9	291·9	2nd, 9th	298·6	−0·4	..	202	− 7
839	Libreville	0 23	9 26	35	..	..	..	302·8	304·6	3rd	291·2	289·0	28th	297·0	−0·2	..	0	− 3
841	Yola	9 12	12 30	259	..	..	..	305·3	308·6	31st	295·1	293·0	10, 14, 15	300·2	+1·2	..	130	− 29
842	Kafia Kingi	9 22	24 18	596	946·1	..	..	..	..	..	293·5	292·0	sev. dates	..	..	..	196	..
843	Wau	7 42	28 3	440	..	1012·4	+0·3	304·7	307	sev. dates	293·8	292	10th, 22nd	299·2	+0·4	..	143	− 37
844	Entebbe	0 5	32 29	1171	884·4	..	−0·4	298·6	299·7	5th	289·1	288·0	1st, 22nd	293·8	+0·4	*293·0*	82	+ 8
845	Nandi	0 2	35 5	2010	..	..	..	297·8	298·6	8th	283·3	281·9	12th	290·6	+1·0	..	247	+ 40
	Harrar	9 42	42 30	1856	..	..	..	296·9	301·0	27th	286·7	285·0	19, 20, 21	291·8	..	..	77	..
851	Cothin	10 0	76 21	2·7	1010·0	1010·2	0·0	301·7	303·4	13th	296·3	295·1	15th, 16th	299·0	0·0	*298·2*	899	+ 318
852	Colombo Observatory	6 54	79 53	7·3	1008·8	1009·6	+0·3	302·2	303·3	6th	297·7	294·6	3rd	300·0	−0·6	*299·2*	181	+ 135
853	Candy	7 18	80 40	504·5	..	..	..	300·4	302·7	1st	294·6	292·4	27th	297·5	+0·3	..	126	− 61
855																		
856	Medan	3 35	98 41	23·5	..	1009·0	−0·7	..	..	..	..	..	..	..	..	..	264	+ 129
857	Kota Radja	5 32	95 20	7·1	..	1009·5	−0·4	..	..	..	..	..	..	..	..	..	41	− 63
858	Penang	5 34	100 20	5·0	1005·1	1005·7	−2·4	304·4	306·1	17th	296·1	294·7	8th	300·3	−0·3	..	116	− 115
	Singapore	1 17	103 51	2·2	1009·3	1009·5	+0·3	304·4	306·0	12th	296·9	295·2	10th	300·7	+0·2	..	116	− 60
860	Sandakan	5 49	118 12	..	..	..	..	304·8	..	..	296·6	..	..	300·7	+0·1	..	147	− 21
861	Tagbilaran	9 38	123 51	26·2	..	1007·5	−0·3	304·3	306·4	21st	296·7	295·5	31st	300·5	−0·3	300·1	208	− 85
862	Surigao	9 48	125 29	6	..	1007·1	−0·5	304·8	309·0	30th	297·5	295·7	6th	301·2	+0·2	300·7	185	+ 24
863	Yap	9 29	138 8	31·9	..	1007·0	..	304·5	306·9	1st	297·1	295·5	24th	300·8	..	..	429	..
869	Uyelang	9 42	161 2	<10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JULY—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation: Total.	Diff. from Normal.
		° ' S.	° ' W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1010·3	1011·4	+2·2	305·7	306·3	8, 18, 28	298·6	298·0	4, 12, 29	302·1	+0·9	*301·2*	178	+129
906																		
923	Manaos	3 8	59 59	44·9	1005·8	1010·9	+1·5	..	306·6	..	..	295·0	..	300·5	−0·7	..	66	+37
929	Quixeramobim	5 16	39 15	207·0	991·8	1015·5	+1·3	..	304·5	..	..	292·9	..	298·7	−0·7	*298·7*	30	..
930	Fernando Noronha	3 51	W32 25	95	1002·9	1013·9	+0·8	..	301·5	..	..	293·5	..	297·9	..	..	155	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	301·9	304·2	16th	289·5	287·0	23rd	295·7	−0·2	..	0	[illegible]
940	Loango	4 38	11 50	? 50	..	..	..	300·0	301·0	sev. dates	292·0	290·0	25, 26, 28	296·0	..	*295·6*	0	..
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	−13
944	Nairobi	1 18	36 59	1660	..	..	..	293·2	296·9	17th	281·7	275·8	31st	287·4	−1·1	..	2	−63
944a	Zanzibar	6 10	39 11	21·9	1017·3	1019·7	+0·5	300·5	301·8	27th	295·6	294·8	19th	298·1	+0·4	*297·0*	8	[illegible]
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	304·0	305·2	1st	295·2	294·1	1st	299·6	..	..	27	−65
947	Seychelles	4 37	55 27	4·6	..	1012·9	−1·0	300·4	301·3	..	297·7	297·0	..	299·1	+0·7	..	122	+65
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·8	−0·5	303·2	304·4	20th	295·5	294·1	23rd	299·4	..	298·9	272	−26
957	Batavia	6 11	106 50	8	1009·7	1010·6	+0·3	303·4	304·7	21st	296·2	295·0	24th	299·8	+0·7	299·5	13	−61
958	Pontianak	0 1	109 20	2·6	..	1010·3	+1·2	304·4	305·5	23rd	296·0	294·5	22nd	300·2	..	299·5	118	−41
959	Passeroean	7 38	112 55	5·0	..	1011·1	+0·2	..	..	..	..	....	..	..	..	..	0	−35
960	Kajoemas	7 56	114 9	950	..	..	..	296·6	299·4	8th	288·5	287·0	18th	292·6	..	291·8	0	−38
961	Koepang	10 10	123 34	3·3	..	1012·7	+1·5	303·1	305·5	12th	292·6	288·3	28th	297·9	..	297·3	8	+3
962	Ambon	3 42	128 10	4·2	..	1011·2	+0·6	299·6	302·5	6th	295·6	294·5	20th	297·6	−0·3	297·2	985	+383
965	Daru	9 4	143 13	8	..	1012·4	+0·5	302·6	..	..	297·1	..	..	299·9	+1·7	..	20	−94
966	Port Moresby	9 29	147 9	39	..	1009·2	−2·0	300·7	..	..	296·0	..	..	298·4	−0·4	..	0	−35
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	....	..	..	..	..	306	−55
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1009·5	1009·7	−0·1	302·6	305·2	27th	297·2	295·8	21st	299·9	+0·1	..	185	+3
970	Ocean Island	0 52	169 36	25·6	1004·6	1007·5	−0·4	304·3	305·2	23, 24, 29	296·9	295·2	6th	300·6	−0·2	*300·0*	87	−68
		S.	E.															

JU LY—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation: Total.	Diff. from Normal.
		S.	W.															
1001																		
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
1003	Alofi, Niue Island	19 2	169 55	36·6	1014·1	1018·4	+1·4	299·4	302·4	25th, 26th	292·4	290·2	14th	295·9	−0·3	..	49	[illegible]
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1008·7	1014·1	+1·6	301·6	303·1	28th	294·0	289·8	10th	297·8	..	..	204	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	1014·2	1015·4	+1·4	293·9	298·0	23rd, 29th	285·2	283·2	2nd, 3rd	289·6	−0·4	*289·8*	0	[illegible]
1022	Arequipa	16 22	71 33	2451	762·3	..	−0·2	293·1	295·2	15th	281·6	279·7	4, 5, 6	287·3	+0·5	*287·3*	0	[illegible]
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	295·8	300	22nd	275·9	273	18th	285·9	−1	..	0	[illegible]
1025																		
1026	Cuyaba	15 36	56 0	235	994·4	1021·4	0·0	304·2	306·7	..	293·4	291·1	..	298·8	+1·4	..	0	[illegible]
1027	Bello Horizonte	19 55	43 56	857·0	923·5	1020·8	..	297·4	301·8	19th	283·1	279·6	6th	290·3	..	..	0	[illegible]
1028	Cætite	14 2	42 37	900	917·0	1018·0	..	..	301·4	..	..	285·2	18th	293·1	..	..	0	[illegible]
1029	Ondina	13 12	38 30	46·6	1012·8	1018·3	..	..	302·6	..	..	292·5	..	297·0	..	..	234	[illegible]
1030	Aracaju	10 55	37 4	4·3	1017·4	1017·9	..	..	303·7	..	..	293·8	..	298·1	..	..	58	[illegible]
1035	St. Helena	15 57	W 5 40	632	948·7	1021·3	+0·1	291·9	295·2	11th	285·4	284·1	28th	288·7	+0·8	*288·3*	141	[illegible]
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	863·3	..	−0·7	296·9	301·1	30th	279·0	274·9	2nd	288·0	+2·1	..	..	[illegible]
1043	Salisbury, Rhodesia	17 49	31 3	1487	861·2	..	−0·9	296·9	301·0	30th	277·1	274·2	14th	287·0	+0·7	..	..	[illegible]
1044	Zomba	15 23	35 18	954	911·6	1019·5	−0·4	297·3	298·0	28, 29, 31	283·2	281·9	1st, 3rd	290·3	+0·8	*288·6*	0	[illegible]
1045	Tamatave	18 9	49 26	4	1022·4	1022·8	+2·2	299·0	300·0	30th	292·2	291·4	5th	295·6	+1·4	..	212	[illegible]
1046	Tananarivo	18 55	47 32	1400	870·1	..	+1·5	292·7	297·0	26th	280·6	278·4	12th	286·7	−1·3	285·8	5	[illegible]
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1013·8	+1·9	301·1	304·7	21st	297·4	294·7	7th, 31st	299·2	+0·5	..	154	[illegible]
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1009·9	1010·5	+0·9	302·9	303·9	..	295·0	292·7	..	298·9	−0·6	..	3	[illegible]
1058																		
1061	Derby	17 18	123 40	16·2	..	1016·8	+2·0	301·3	304·9	19th	286·9	282·3	3rd	294·1	−1·3	..	15	[illegible]
1062	Hall's Creek	18 13	127 46	373·6	..	1017·9	+1·2	300·6	305·8	18th	280·5	274·1	2nd, 3rd	290·6	−0·5	..	0	[illegible]
1063	Port Darwin	12 28	130 51	29·6	..	1013·9	+0·7	302·4	304·2	20th	292·1	289·6	26th, 28th	297·2	−0·9	*296·0*	0	[illegible]
1064	Daly Waters	16 16	133 23	210·6	..	1014·0	..	301·8	305·8	19th	284·4	280·2	26th, 27th	293·1	0·0	*292·3*	0	[illegible]
1065	Mein	13 13	142 57	121·9	..	1013·2	..	301·1	303·2	31st	291·4	285·5	19th	296·3	..	..	8	[illegible]
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	301·1	303·0	18th, 20th	284·3	278·0	1st	292·7	..	..	0	[illegible]
1067	Samarai	10 37	150 40	6·4	..	1009·9	−1·7	..	..	..	295·8	..	..	..	..	..	138	[illegible]
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1016·0	+0·4	297·3	299·1	20, 21, 23	293·3	291·3	3rd	295·3	−0·8	..	470	[illegible]
		S. ° '	E. ° '	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JULY—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation: Total.	Diff. from Normal.
		° ' S.	° ' W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	296·8	300·2	22nd	291·0	285·8	16th	293·9	..	..	27	− 51
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1014·7	1018·3	..	292·8	294·6	18th, 21st	288·0	283·4	15th	290·4	..	*289·9*	86	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1014·0	1017·0	−0·4	289·2	291·4	19th	283·2	281·5	12th, 14th	286·2	+1·1	*286·0*	0	− 36
1122	Puerto de Antofagasta	23 39	70 25	5	1016·6	1017·2	+2·1	294·0	295·0	1st	283·3	283·0	13th	288·7	−0·9	*288·2*	0	− 9
1125	Goya	29 9	59 15	64	1009·7	1017·3	−2·4	298·3	305·5	18th	287·0	278·0	26th	292·7	+4·5	*292·0*	12	− 30
1126	Porto Alegre	30 2	51 13	15	1017·9	1019·7	..	295·0	300·6	9th	284·7	277·5	13th	289·9	..	..	123	+ 45
1127	Curityba	25 26	49 16	908	917·5	1021·4	−0·5	294·1	298·7	..	278·9	271·6	..	286·5	+0·7	*286·2*	21	− 44
1128	Rio de Janeiro	22 54	W43 10	64	1012·9	1020·5	+0·1	298·0	303·2	..	292·0	289·3	..	295·0	+1·2	*294·9*	9	− 32
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141	Johannesburg	26 11	28 4	1874	..	..	..	290·5	295·6	29th	279·8	272·6	15th	285·2	+1·9	*284·7*	4	− 1
1142	Kimberley	28 42	28 47	1202	886·8	..	−1·4	292·0	299·0	31st	274·1	269·7	15th	283·1	−0·3	282·3	1	− 9
1142a	Pretoria	25 45	28 11	1338	873·8	..	−2·0	295·0	300·4	30th	274·8	270·4	18th	284·9	+0·7	..	1	− 1
1143	Durban	29 51	31 0	14·3	1019·0	1020·7	−3·3	291·0	294·1	29th	285·4	281·9	17th	288·2	−2·8	..	47	+ 19
1144	Lorenzo Marques	25 58	32 36	59	..	1021·0	−1·6	299·2	307·7	29th	286·9	284·2	17th	293·0	+1·7	292·7	16	+ 2
1147	Mauritius	20 6	57 33	54·3	1014·8	1021·3	+0·9	296·1	297·2	17th	287·8	284·3	26th	291·9	−1·3	291·7	22	− 45
1148																		
1159	Onslow	21 43	114 57	4·3	..	1016·9	+0·2	298·7	305·2	10th	286·2	280·3	5th	292·5	+1·8	..	32	+ 3
1160	Peak Hill	25 38	118 47	588·3	..	1018·0	−0·8	294·1	301·2	8th	282·2	276·9	19th	288·2	+2·8	..	13	− 9
1161	Nullagine	21 53	120 5	385·6	..	1017·8	−0·2	298·9	304·1	10th	281·2	274·1	1st	290·1	+2·0	..	13	− 7
1162	Laverton	28 40	122 23	466·3	..	1021·9	+1·2	290·9	300·2	13th	279·7	273·3	19th	285·3	+1·5	..	20	+ 4
1163	Alice Springs	23 38	133 37	587·0	..	1020·4	+0·2	294·1	300·7	18th	276·8	270·1	2nd	285·4	+1·0	*285·1*	0	− 11
1164	William Creek	28 55	136 21	76·2	..	1023·0	..	292·0	299·1	15th	277·6	269·9	6th	284·8	..	*284·6*	0	− 5
1165	Boulia	22 55	139 38	145·7	..	1018·8	..	297·0	303·1	18th	280·1	276·4	25th	288·6	..	..	0	− 6
1166	Mitchell	26 32	147 52	337·1	..	1021·0	..	292·3	298·6	19th	276·2	271·3	21st	284·3	..	..	5	− 27
1167	Rockhampton	23 24	150 30	11·3	..	1020·2	..	296·8	301·3	20th	283·2	278·6	30th	290·0	..	..	8	− 34
1168	Brisbane	27 28	153 2	41·7	..	1020·9	+2·8	293·9	298·3	19th	283·4	279·3	21st	288·7	+1·2	..	61	+ 2
1169	Noumea	22 16	166 27	9	1012·7	1013·7	..	297·9	302·6	3rd	290·9	288·0	24th	294·4	+1·0	..	209	+118
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		S.	E.															

JULY—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation: Total.	Diff. from Normal.
		S.	W.															
1219																		
1220	Juan Fernandez	33 37	78 50	10	1016·3	1017·5	−2·3	289·0	..	..	284·9	282·0	29th	287·0	+1·3	..	163	+ 15
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1012·8	1017·6	−0·3	289·5	295·9	16th	283·3	279·5	26th	286·4	+0·3	*285·5*	118	− 5
1222	Santiago	33 27	70 42	520	957·0	1018·7	+0·1	286·9	294·1	28th	277·3	273·0	25th	282·1	+0·1	280·9	121	+ 34
1223	Cordoba	31 25	64 12	439	964·3	1015·7	−3·6	295·2	300·7	14th	279·4	270·3	22nd	287·3	+3·3	286·4	0	− 8
1224	Buenos Ayres	34 16	64 11	25·2	1012·4	1015·4	−3·2	290·1	297·8	4th	281·1	273·9	25th	285·6	+2·5	*285·6*	116	+ 60
1225	Rio Grande	32 2	52 6	2·3	1016·7	1017·0	−1·9	290·9	299·0	22nd	285·5	280·0	10th	288·2	+1·9	..	166	+ 54
1226	Montevideo	34 55	W56 13	29·3	..	1016·1	−0·3	..	295·8	4th, 5th	..	277·6	25th	..	+3·0	286·4	37	− 52
1239	Cape Town	33 56	E18 29	12	1020·1	1021·5	+0·2	288·7	293·2	18th	280·9	275·4	9th	284·8	−0·9	*283·5*	102	+ 12
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	88	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	290·6	298·6	19th	277·6	273·0	10th	284·1	+2·6	..	51	+ 24
1242	East London	33 2	27 55	10·1	1018·7	1019·9	−1·1	292·7	296·9	9th, 20th	281·6	278·0	10th, 11th	287·2	−1·0	..	43	+ 22
1259	Perth (Observatory)	31 57	115 51	60·0	..	1019·5	+0·1	290·1	293·6	22nd	281·3	275·8	18th, 19th	285·7	0·0	..	177	+ 16
1260	Katanning	33 42	117 35	309·7	..	1017·8	−0·9	287·9	292·2	13th	278·3	271·9	21st	283·1	+0·5	..	96	+ 22
1261	Coolgardie	30 57	121 10	423·3	..	1020·8	+0·7	289·6	294·3	6th	278·3	273·0	19th	284·0	+0·5	..	19	− 2
1262	Eucla	31 45	128 58	4·6	..	1021·3	+1·3	290·9	297·4	6th	280·1	275·4	1st	285·5	+0·1	..	12	− 11
1263	Streaky Bay	32 48	134 13	13·1	..	1023·2	+3·1	289·3	292·7	14th	279·7	272·6	4th	284·5	+0·1	..	25	− 36
1264	Adelaide	34 56	138 35	42·7	..	1023·3	+2·9	288·9	293·9	13th	280·1	274·6	5th	284·5	+0·7	*284·4*	19	− 47
1265																		
1266	Melbourne	37 49	144 57	35·1	..	1022·2	+3·0	286·7	290·3	13th	279·8	273·4	25th	283·3	+1·2	*283·1*	18	− 29
1267	Bourke	30 13	145 58	110·1	..	1025·4	+3·7	290·1	295·2	16th	277·4	272·3	15th	283·8	−0·2	..	2	− 20
1268	Sydney	33 51	151 13	44·5	..	1022·3	+3·7	288·8	293·7	31st	281·6	279·0	11th	285·2	+1·0	..	197	+ 80
1271	Lord Howe Island	31 32	159 4	..	..	..	..	291·5	294·0	16th, 18th	286·4	281·9	31st	288·9	..	..	83	−127
1272	Auckland	36 50	174 50	38·1	..	..	..	286·7	289·7	4th	281·2	276·6	25th	284·0	+0·1	..	111	− 15
		S.	E.															

JULY—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation: Total.	Diff. from Normal.
		S.	W.															
1301	Chatham Island	43 52	170 42	103·6	..	1009·8	+7·9	282·1	285·2	three times	277·4	273·6	25th	279·8	−0·5	..	223	+129
1302																		
1321																		
1322	Punta Corona	41 51	73 50	25	1001·9	1004·9	−8·4	284·1	285·9	13th, 14th	280·3	277·0	22nd	282·2	+1·2	*282·5*	559	+316
1323	Punta Galera	40 1	73 44	40	1008·2	1013·0	−1·2	285·5	287·0	1st, 3rd	281·6	277·8	19th	283·6	+1·7	*283·6*	452	+113
1324	Bahia Blanca	38 45	W62 12	20	1010·5	1012·9	−0·8	290·2	297·0	17th	279·8	271·4	20th	285·0	+3·1	*284·3*	24	0
1365	Hobart	42 53	E147 22	53·9	..	1015·9	+2·4	285·3	290·8	15th	277·9	271·9	26th	281·6	+0·9	*281·3*	38	− 16
1366	Launceston	41 27	147 10	9·4	..	1017·6	+3·8	285·5	288·6	17th	275·7	270·5	3rd, 24th	280·6	+0·8	..	73	− 1
1369																		
1370	Dunedin	45 52	170 31	76	..	1010·0	−0·5	283·3	290·2	18th	276·9	271·9	11th	280·2	+1·7	..	114	+ 31
1371	Christchurch	43 32	172 38	7·6	..	1012·0	−0·6	283·9	288·3	28th	274·8	270·8	14th	279·4	+0·6	..	66	0
1372	Wellington	41 16	174 46	2·4	..	1014·1	+1·8	285·8	289·4	29th	279·9	274·3	13th	282·8	+1·2	..	80	− 68
		S. ° '	E. ° '	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JULY—ZONE 14.

Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	989·5	996·3	−0·8	..	..	..	275·7	273·0	sev. dates	..	..	*277·3*	139	−92
1422	Puerto de Punta Arenas	53 10	70 54	4	997·9	998·4	−2·2	276·1	279·8	27th	271·6	265·0	25th	273·9	−0·1	*273·9*	111	−26
1423	Punta Dungeness	52 24	68 25	5	997·2	997·8	−4·4	277·1	281·3	27th	..	..	..	..	..	*275·6*	49	..
1425	Cape Pembroke	51 41	57 42	15	997·1	999·7	−4·0	276·6	279·7	14th	272·8	268·6	22nd	274·7	−0·3	275·2	..	−17
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	36	+ 5
1429	S. Georgia (Cumberland Bay)	54 14	W36 34	3·7	993·2	993·7	−3·8	272·2	278·3	28th	265·8	262·1	25th	269·0	−1·7	*268·8*	124	..
1467	Macquarie Is.	54 30 S	E158 57 E.	9	..	997·9	−2·1	277·2	279·3	7th	273·7	270·3	25th	275·4	..	275·5	..	

JULY—ZONE 15.

Between Latitude 60° S. and 70° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1527 1528	South Orkneys	60 44	44 39	6·9	992·4	993·3	−1·2	..	273·1	..	..	241·5	..	..	−1·0	259·8	26	0

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—JULY 1913.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.
1	SE by S	3·8	SE 4	SSE 4	W 2	SW 2	E 2	E 2	SE 3	E 2	E 1	NE 3
2	SSE	5·4	NNE 2	NE 3	N 2	Calm 0	NE 3	E 2	SE 4	E 1	Calm 0	E 2
3	SE	5·8	SSE 4	NE 4	NE 2	W 5	Calm 0	Calm 0	SE 4	E 1	Calm 0	NE 3
4	SSE	7·5	SE 4	E 5	SW 2	SW 3	E 4	E 2	SE 3	E 2	Calm 0	NE 3
5	S by E	6·7	E 4	NE 5	NE 4	SE 2	E 5	E 3	SE 2	NE 1	Calm 0	Calm 0
6	SSE	4·6	SSE 4	SE 2	NE 2	SW 4	E 4	E 2	SE 4	NE 1	Calm 0	NE 2
7	S by E	3·8	SE 2	SE 2	NE 4	W 4	E 4	E 2	SE 2	E 1	SE 3	Calm 0
8	SE by S	2·1	E 4	SE 4	S 2	SW 4	E 3	E 1	SE 5	E 3	Calm 0	Calm 0
9	SSE	1·3	SE 4	SE 4	NE 2	SW 4	E 4	E 2	SE 4	E 2	E 1	Calm 0
10	SSE	2·9	E 4	SE 4	NE 2	S 2	E 5	E 3	SE 5	E 2	Calm 0	Calm 0
11	SE by S	5·8	E 4	E 4	SW 2	SW 2	E 4	E 2	SE 3	S 1	Calm 0	W 2
12	SSE	5·4	E 2	E 2	SW 2	SW 4	E 4	E 2	E 3	E 2	E 1	E 3
13	SSE	7·1	SE 2	NE 2	SW 2	S 2	E 4	E 2	E 3	E 3	Calm 0	E 3
14	SE by S	7·5	E 2	E 4	Calm 0	SW 2	E 3	E 4	SE 4	E 3	Calm 0	E 3
15	SE by S	6·3	SE 4	SSE 5	Calm 0	W 4	E 4	E 2	SE 2	E 1	S 1	E 2
16	SE by S	5·8	E 4	SE 4	Calm 0	W 4	E 5	E 1	SE 4	ESE 1	E 1	E 2
17	SE by S	5·4	E 5	NE 5	Calm 0	NW 4	E 4	E 3	ESE 3	SE 1	Calm 0	NE 3
18	SSE	5·0	SE 2	NNE 2	N 2	W 8	E 4	E 2	SE 3	S 2	Calm 0	N 3
19	SSE	6·3	E 4	SSE 4	Calm 0	Calm 0	E 3	E 2	SE 4	E 2	Calm 0	Calm 0
20	SSE	7·1	SSE 3	SE 2	NE 2	W 4	E 4	E 2	SE 4	E 2	Calm 0	Calm 0
21	SSE	5·4	SE 2	SSE 3	NE 2	Calm 0	E 5	E 2	SE 4	SSE 3	E 1	NE 3
22	SSE	6·3	SSE 5	E 4	N 2	Calm 0	E 4	E 2	SE 3	SE 2	Calm 0	Calm 0
23	S by E	10·4	E 3	SE 2	Calm 0	W 2	E 4	E 2	ESE 3	E 2	E 2	E 3
24	S by E	11·7	SE 4	SE 2	S 2	Calm 0	NE 4	E 2	ESE 3	E 3	Calm 0	E 4
25	SE by S	11·7	E 5	SE 3	N 2	W 4	E 3	E 2	E 1	E 1	E 1	E 4
26	SE by S	11·3	SE 2	SSE 2	Calm 0	W 2	E 3	E 2	ESE 1	S 1	Calm 0	SE 3
27	SE by S	8·8	SE 3	SE 4	W 2	W 4	E 4	E 1	ESE 3	E 1	Calm 0	Calm 0
28	SSE	7·9	SSE 4	SE 4	Calm 0	W 2	E 4	E 2	SE 3	E 1	E 1	NE 2
29	SE	6·7	SE 2	E 2	Calm 0	Calm 0	NE 3	E 2	ESE 2	E 2	Calm 0	E 3
30	SE by S	5·0	SSE 2	E 3	Calm 0	Calm 0	E 2	E 1	Calm 0	S 1	S 1	E 2
31	SE by S	5·4	SE 3	SE 3	Calm 0	SW 2	E 2	E 1	SE 1	S 2	Calm 0	NE 3
Mean for Month	..	6·3	..	3·3	..	1·4	..	2·6	3·6	2·0	3·0	1·7	0·5	1·9
Deviation from Normal	..	−0·5	..	..	..	..	..		−0·4	..		−1·1		−0·1

* Direction and velocity in the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—JULY 1913.

* "The South *Kara Sea* was fairly open; the ice in the Kara Sea covered an area of 210×10^3 sq. km. against a normal of 240×10^3 sq. km."

**Barents Sea.*—"There was still a large mass of ice E. and N.E. of Bear Is. The ice covered an area of 708×10^3 sq. km., compared with a normal of 516×10^3 sq. km."

**Spitsbergen.*—"The W. coast was ice-free, also Bell Sound and Advent Bay; there was some ice in Storfiord at first. On 29th July unbroken polar-ice lay close to the coast in 80° N., 11° 25 E."

**Greenland Sea.*—"There was a wide belt of closely packed Storis off Angmagsalik. The ice covered an area of 1005×10^3 sq. km., compared with a normal of 766×10^3 sq. km. The coasts of *Iceland* were ice-free."

North Atlantic and Labrador.—"The number of icebergs was about the same as in June; limits 43° N., 43° W., the average limits (1901–16) being 41½° N., 43° W., and the extreme limits 39½° N., 40° W."

**Davis Strait, Baffin Bay.*—"A bank of Storis extended from 40° W. westward to Cape Farewell, thence N. close inshore to Ivigtut and off-shore nearly to Fiskernaes, but at and N. of Frederikshaab it disappeared about the 17th. Normally in July it extends beyond Godthaab."

**Bering Sea.*—"No information is available."

* *Isforholdene i de arktiske Have, 1913*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, AUGUST 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF AUGUST 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

AUGUST—ZONE 1.

Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123 124	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
125 126	Upernivik	72 47	W56 7	18·9	1004·6	1008·8	− 2·6	280·7	287·6	2nd	273·5	269·7	28th	277·1	−1·3	*276·8*	32	+ 2
139 140	Spitsbergen	78 2	E 14 14	11·4	1010·0	1011·4	− 3·6	..	282·0	1st	276·0	273·3	9th	..	..	278·2	5	..
141 142	Gjesvaer	71 6	25 22	6·5	1012·7	1013·5	+ 2·3	..	293·7	23rd	280·5	277·3	7th	..	0·0	*283·4*	93	+ 49
143 144	Mehavn	71 1	27 47	6·4	1012·7	1013·5	..	..	292·5	15th	280·7	277·1	3rd	..	..	*283·6*	65	+ 23
145 146	Vardö	70 22	31 8	10·0	1013·2	1014·4	+ 2·5	..	288·2	16th	280·5	278·5	8th	..	+0·8	*283·0*	62	+ 11
147 148	Malye Karmakouly	72 23 N.	52 43 E.	14·8	1019·1	1020·9	+10·0	..	285·9	24th	..	..	..	278·3	−0·9	*278·1*	66	+ 24

Between Latitude 70° N. and 60° N.

AUGUST—ZONE 2.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
203 204	Nome	64 30	165 24	4·6	1013·2	1013·9	..	285·4	289·7	sev. dates	277·9	268·0	30th	281·7	..	..	49	..
205 206	Tanana	65 12	152 0	?	1002·4	..	..	289·2	296·3	5th	276·9	265·2	29th	283·1	..	..	45	..
207 208	Valdez	61 6	146 13	3·1	1013·5	1013·9	..	288·6	293·0	3rd	278·0	271·3	3rd	283·3	..	..	157	..
209 210	Eagle	64 46	141 12	248·4	979·7	1010·1	..	290·4	299·7	sev. dates	275·7	265·2	31st	283·1	..	..	70	+ 17
211 212	Dawson	64 4	139 20	328	..	1010·1	− 1·3	291·5	299·7	5th	277·3	268·0	31st	284·4	−1·3	..	2	− 45
	Careross	60 11	134 34	662	..	..	..	289·3	293·0	5th	277·8	269·7	31st	283·5	..	..	26	..
213 214	Fort Simpson	61 52	120 43	129	995·3	1010·7	..	293·9	301·3	6th	280·9	274·1	13th	287·4	+1·2	*288·0*	50	+ 14
	Hay River	60 51	115 20	161	992·9	1012·1	..	293·2	300·2	5th	282·1	276·3	13th	287·7	+0·3	..	40	..
	Fort Resolution	61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	24	..
225 226	Jacobshavn	69 13	51 2	12·6	1005·8	1007·3	− 3·2	281·8	290·6	3rd	275·7	269·7	26th	278·8	−1·1	*278·5*	70	+ 36
229 230	Godthaab	64 11	51 44	9·0	1004·7	1005·8	− 4·2	282·8	287·2	16th	275·4	272·2	23rd	279·1	−1·4	*277·9*	97	+ 22
	Angmagsalik	65 37	37 34	31·7	1003·8	1007·7	− 1·2	284·1	289·7	1st	274·7	270·9	29th	279·4	..	*278·2*	26	..
231 232	Stykkisholm	66 5	22 46	11·3	1007·6	1009·0	− 0·4	284·6	287·5	12th	280·5	277·5	26th	282·6	+0·3	*282·6*	116	+ 77
233 234	Vestmanno	63 26	20 15	7·7	1008·6	1009·4	+ 1·1	286·5	289·2	11th	281·0	277·1	31st	283·8	+0·2	*283·4*	97	+ 19
	Grimsey (Akureyri)	66 33	17 58	22·0	1007·5	1010·1	+ 0·1	284·4	291·2	16th	277·0	273·4	31st	280·7	+0·3	*280·5*	26	− 6
235 236	Berufjord	64 40	14 19	16·4	1006·4	1008·6	− 1·0	286·4	293·1	2nd	279·4	276·0	31st	283·2	+1·8	*282·9*	120	+ 48
	Thorshavn	62 3	6 45	25·7	1011·0	1014·0	+ 4·3	288·3	288·3	16th	281·7	275·6	6th	284·1	+0·4	*284·2*	60	− 41
	Lerwick	60 9	W 1 8	18·0	1013·7	1015·9	+ 6·2	286·4	289·1	1st, 24th	282·6	278·6	4th, 20th	284·9	+0·2	*284·5*	32	..
237 238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1009·0	1014·4	+ 3·8	..	295·0	19th	283·2	279·4	10th	..	−1·3	*285·9*	66	−124
239 240	Christiansund	63 7	7 45	17·8	1011·8	1014·0	+ 3·5	..	291·4	13th	282·9	280·1	5th	..	−1·4	*284·8*	113	+ 10
	Trondhjem	63 26	10 25	39·5	1009·2	1013·9	+ 3·4	..	294·3	22nd	282·3	279·3	10th	..	−0·8	*285·7*	71	− 5
241 242	Bodö	67 17	14 24	20·5	1010·8	1013·3	+ 2·9	..	294·0	12th	283·0	279·4	11th	..	+0·5	*285·9*	132	+ 49
	Haparanda	65 50	24 9	9·2	1012·8	1013·9	+ 3·6	291·3	297·0	12th	281·8	278·0	17th	286·6	+1·0	*286·6*	31	− 23
	Helsingfors	60 10	24 57	11·7	..	1013·6	+ 2·7	..	296	..	..	283	..	290·0	+1·4	*289·7*	69	− 3
2424 243	Kuopio	..	..	..	..	1015·6	+ 5·8	..	296	..	..	281	..	289·0	+1·4	*288·7*	23	..
244 245	Kola	62 54	27 40	99·7	1014·3	1015·1	+ 5·2	289·1	294·5	31st	280·0	274·0	15th	284·6	+0·3	*284·5*	84	+ 51
	Petrozavodsk	68 53	33 1	6·7	..	1016·7	+ 5·9	..	299·2	4th	..	275	..	289·8	+2·1	*289·5*	58	..
246 247	Arkhangelsk	61 47	34 23	38·9	..	1017·5	+ 7·2	..	298	..	..	276	..	288·3	+1·1	*287·8*	24	− 29
	Velsk	64 33	40 32	6·7	1007·8	1017·7	..	295·0	301·1	5th	284·0	277·3	17th	289·5	..	*289·7*	49	..
248	Oust-Tsylma	61 5	42 7	? 83	..	1018·0	+ 9·0	..	300	..	..	274	..	286·8	+1·4	*286·4*	..	..
	Troitsko-Petcherskoe	65 27	52 10	? 25	1003·9	1015·7	..	..	303·0	9th	280·9	270·6	23rd	287·3	..	*287·0*	77	..
249 250	Berezov	63 56	65 4	? 123	1012·7	1017·5	+ 7·1	..	298·5	6th	281·9	271·9	23rd	286·8	+0·3	*286·5*	48	− 5
251 252	Obdorsk	66 31	66 35	39·9	1013·5	1016·3	+ 6·1	..	297·8	6th	280·8	274·3	22nd	285·0	−0·1	*284·7*	56	− 4
	Sourgout	61 15	73 24	23·7	1010·3	1015·1	+ 6·9	..	299·8	7th	280·9	272·0	25th	286·9	−1·1	*286·6*	224	+148
253 254	Touroukhansk	..	..	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Doudinka	65 55	87 38	? 40	1008·0	1010·4	..	..	296·9	3rd	278·5	272·2	31st	282·5	..	*282·3*	40	..
261 262	Olekminsk	69 7	87 0	? 20	..	..	..	..	303·0	1st	282·4	274·0	28th	287·0	−0·6	*286·7*	84	..
263 264	Iakoutsk	60 22	120 26	? 135	988·2	1004·3	− 4·4	..	301·3	1st	283·5	274·4	19th	288·5	−0·3	*288·2*	47	+ 5
	Verkhoiansk	62 1	129 43	? 108	993·0	1005·8	− 3·0	..	294·6	3rd	279·3	272·6	31st	285·9	+2·6	*285·6*	54	+ 31
	Oust-Maïskoe	67 33	133 24	? 100	992·6	1004·6	− 3·0	..	301·2	..	282·5	271·9	..	288·0	..	*287·7*	33	..
272	Novo-Mariinskii Post	64 45 N. ° ′	177 33 E. ° ′	5·2 metres.	?1013·4 mb.	1014·0 mb.	.. mb.	.. a.	?290·6 a.	? 24th, 25th	278·9 a.	272·5 a.	22nd	?282·9 a.	.. a.	.. a.	43 mm.	.. mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1016·2	..	286·4	291·9	13th	280·4	274·1	sev. dates	283·4	..	..	75	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	1013·2	1016·6	+3·6	290·4	297·4	22nd	282·4	279·1	19th	286·4	+0·8	..	230	+ 82
310	Prince Rupert	54 18	130 18	52	..	1016·6	..	290·6	298·6	21st	284·3	280·8	13th	287·4	..	..	129	..
311	Barkerville	53 2	121 35	1274	..	1016·6	..	290·6	298·6	2nd	277·8	273·0	31st	284·2	−0·5	*284·1*	141	+ 66
312	Kamloops	50 41	120 29	380	..	1013·5	−0·7	300·1	308·3	1st, 2nd	286·2	281·3	20th	293·1	+0·1	*292·9*	20	− 6
313	Calgary	51 2	114 2	1033	..	1013·2	+1·4	297·7	305·2	23rd	281·0	276·3	10th	289·3	+1·3	*289·6*	132	+ 68
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	962·1	1012·6	+1·4	295·4	300·8	1st, 29th	282·4	276·3	17th	288·9	+0·7	*289·3*	91	+ 27
316	Qu'Appelle	50 30	103 47	645	..	1014·2	+1·0	296·2	302·4	12th	283·1	277·4	17th	289·7	+1·7	*289·8*	84	− 7
317	Minnedosa	50 15	99 50	518	..	1015·2	..	297·0	304·9	13th	283·7	279·1	26th	290·3	+1·1	*289·9*	64	− 7
318	Berens River	52 18	97 23	216	..	..	..	..	..	..	..	..	..	..	..	..	..	..
318*a*	York Factory	57 0	92 28	11	1012·3	1013·6	+2·4	..	..	..	279·8	274·1	27th	..	..	..	..	..
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	1013·7	1014·8	..	292·9	302·4	14th	281·1	274·7	6, 11, 23	287·0	−0·8	..	84	+ 7
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1010·4	..	..	288·6	296·9	28th	277·6	270·2	26th	283·1	..	..	37	..
326	Point Riche	50 42	57 25	10·7	..	..	..	..	290·2	..	..	280·2	..	286·1	−1·1	..	22	−125
327	Belle Isle	51 53	55 23	133	995·5	1011·8	−2·0	282·4	288·6	5th	278·2	274·7	17th	280·3	−3·8	..	12	
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1018·5	1020·2	+6·0	291·3	294·7	3rd	285·6	283·0	7th	288·4	+0·3	288·5	38	− 9
335	Aberdeen	57 10	2 6	27·4	1014·0	1017·3	+5·7	289·6	296·3	2nd	282·8	278·6	12th	286·2	−0·4	286·2	36	− 4
336	Greenwich	51 28	W 0 0	48·5	1012·1	1017·9	+3·0	294·7	299·7	21st	284·1	280·2	25th	289·4	+0·1	288·6	53	− 7
337	Uccle	50 48	E 4 22	100	1005·5	1017·5	+1·9	294·3	302·0	29th	283·8	279·0	7th	289·1	−1·1	288·6	29	− 5
338	De Bilt	52 6	5 11	3·0	1017·0	1017·4	+2·1	293·7	300·8	30th	283·9	278·4	6th	288·8	−1	288·3	18	− 5
338*a*	Hamburg	53 33	9 59	26·0	1012·7	1015·8	+2·1	292·1	300·7	30th	285·3	281·5	9th	288·7	−1·5	*288·3*	41	− 5
339	Copenhagen	55 41	12 36	5·0	1013·2	1013·8	+0·7	291·1	296·3	3rd	285·7	282·2	7th	288·4	−0·6	*288·3*	57	+ 9
340	Potsdam	52 23	13 4	84·9	1005·1	1015·3	+0·7	294·3	300·7	24th, 30th	284·1	280·1	10th	289·2	−0·5	288·8	70	+ 22
340*a*	Upsala	59 51	17 38	24·0	1009·6	1012·4	+2·1	292·2	298·3	3rd	283·6	277·6	6th	287·9	+0·3	287·9	84	+ 32
341	Warsaw	52 15	21 1	120	..	1013·8	−0·8	..	300	..	..	281	..	289·5	−1·6	*289·4*	108	+ 14
342	Jurjev	58 23	26 43	74·5	..	1014·6	+3·3	..	299	..	..	279	..	290·5	+1·5	*290·2*	56	..
343	Petrograd	59 56	30 16	4·8	..	1015·0	+4·0	..	299	..	..	283	..	290·9	+1·8	*290·7*	55	− 15
344	Kiev	50 27	30 30	182·9	..	1013·0	−1·2	..	301	..	..	283	..	292·2	+0·5	*291·8*	91	+ 27
344*a*	Moscow	55 45	37 34	156	..	1016·6	+4·4	..	300	..	..	284	..	291·9	+1·7	*291·8*	100	+ 37
345	Saratov	51 32	46 3	59·9	..	1016·6	+4·8	..	308	..	..	287	..	297·2	+3·4	*296·9*	23	− 5
346	Kazan	55 47	49 8	79·8	..	1018·3	+6·6	..	305	..	..	282	..	293·8	+3·2	*293·6*	3	− 10
347	Orenburg	51 45	55 6	114·1	..	1020·4	+7·2	..	310	..	..	282	..	295·9	+2·8	*295·5*	7	− 10
348	Perm	58 1	56 15	163·0	..	1019·1	+9·5	..	304	..	..	275	..	291·0	+2·3	*290·7*	60	..
349	Ekaterinburg	56 50	60 38	288·9	..	1020·3	+9·4	..	303	..	..	275	..	290·1	+2·1	*289·8*	37	− 23
350	Tobolsk	58 12	68 14	108·3	1005·2	1018·1	..	..	303·7	11th	283·9	276·3	31st	289·6	+0·6	*289·3*	46	− 23
351	Akmolinsk	51 12	71 23	? 347	976·4	1016·9	+6·1	..	305·8	14th	283·0	276·5	25th	290·7	−0·7	*290·3*	15	− 15
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	8	− 15
353	Barnaoul	53 20	83 47	162·2	994·7	1013·9	+3·3	..	301·0	16th	283·2	274·0	26th	289·0	−1·1	*288·6*	25	+ 9
354	Tomsk	56 30	84 58	121·6	997·5	1012·1	+2·3	..	299·4	12th	283·8	275·7	21st	287·8	−1·3	*287·4*	73	..
355	Minousinsk	53 43	91 41	? 245	982·3	1011·0	..	..	299·5	17th	283·7	275·9	26th	289·0	..	*288·6*	118	+ 57
356	Eniseisk	58 27	92 11	84·4	999·2	1009·2	−1·2	..	301·2	9th, 11th	283·6	276·9	26th	288·6	−0·5	*288·2*	67	+ 21
357	Irkutsk	52 16	104 19	467·0	955·6	1009·8	−0·8	..	299·6	17th	281·0	272·6	26th	287·2	−2·2	*286·9*	84	..
358	Kirensk	57 47	108 7	? 263	978·0	1009·1	..	..	299·5	1st	281·5	273·9	29th	286·7	..	*286·4*	75	..
359	Tchita	52 2	113 30	663·7	930·4	1006·2	..	..	300·0	1st	281·2	274·4	26th	287·5	..	..	66	− 32
360	Blagoveshchensk Priisk	58 10	114 17	? 490	949·8	1006·8	..	..	298·1	11th	279·4	269·7	28th	285·1	..	*284·8*	94	− 29
360*a*	Nertchinsk	51 59	116 35	484·3	949·5	1005·3	..	..	302·3	1st	282·9	275·9	26th	288·8	+1·0	*288·6*	83	..
361	Tygan Ourkan	54 5	124 46	? 359	961·8	1003·4	..	294·5	300·8	3rd	281·0	271·0	25th	287·8	..	*287·2*	234	..
362	Blagoveshchensk	50 15	127 38	133·6	988·7	1004·3	..	..	302·3	1st	287·0	280·0	24th	291·2	−0·7	*291·0*	109	..
363	Paikanskii Sklad	50 11	130 7	? 145	..	..	..	..	301·7	8th	283·5	274·8	24th	289·6	..	*289·4*	? 177	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1002·6	1005·2	−3·5	..	296·8	4th	283·9	276·9	31st	288·2	−1·2	*287·8*	168	+ 59
366	Okhotsk	59 21	143 17	6·0	1009·4	1010·1	−0·9	287·6	292·0	18th	282·6	280·0	17th	285·1	−2·2	*284·8*	140	+ 30
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	1003·4	1014·0	+3·0	285·8	293·7	3rd	281·3	280·0	13th	283·6	−4·2	..	81	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	..	1017·3	+0·7	295·3	302·9	1st	284·7	280·8	19th	290·0	+1·3	289·4	21	+ 6
412	Portland, Oregon	45 32	122 41	46·6	1012·2	1017·6	+1·4	299·1	306·9	10th	287·4	283·0	16th	293·3	+1·5	*293·0*	19	+ 3
413	Macleod	49 44	113 24	954	..	..	..	298·2	306·1	24th	283·0	275·8	16th	290·6	+1·0	*290·9*	38	− 11
414	Helena	46 34	112 4	1253	876·1	1015·2	+1·4	300·2	305·8	23rd	285·8	279·1	19th	292·9	+1·0	*293·2*	15	− 3
414*a*	Salt Lake City	40 46	111 54	1329	869·0	1013·9	+1·0	303·6	308·0	25th	291·3	287·4	15th	297·3	+0·2	*297·7*	12	− 8
415																		
416	Cheyenne	41 8	104 48	1856	817·9	1015·2	+2·0	300·8	305·2	26th	285·2	280·8	1st	293·2	+1·4	*293·4*	36	0
416*a*	North Platte	41 8	100 45	859	918·0	1014·9	+1·0	306·9	312·4	27th	289·7	282·4	1st	298·2	+2·8	*298·2*	25	− 38
417	Bismarck	46 47	100 38	510·6	956·6	1015·9	+2·0	303·0	310·2	14th	286·9	279·7	22nd	294·8	+1·7	*294·7*	20	− 30
418	Winnipeg	49 53	97 7	231·6	..	1013·5	0·0	297·5	305·7	14th	285·3	279·7	10th	291·4	+1·1	*290·4*	120	+ 60
	Duluth	46 47	92 6	345·1	975·9	1016·6	+1·7	294·1	301·9	2nd	285·2	281·9	7th	289·8	−1·5	*289·7*	32	− 58
419	Port Arthur	48 27	89 12	196·3	..	1016·2	+1·0	294·9	302·4	2nd	283·5	276·3	24th	289·2	+0·7	*289·1*	73	− 4
420	Chicago	41 53	87 37	250·9	987·1	1016·6	+1·0	300·2	309·1	9th	293·0	288·6	30th	296·5	+1·7	*296·5*	103	+ 30
421	Toronto	43 40	79 24	106·7	..	1016·6	+1·0	299·1	306·3	16th, 17th	287·8	278·7	25th	293·4	+0·8	293·1	58	− 10
422	New York	43 40	79 24	106·7	..	1016·6	+1·0	299·7	306·3	10th	291·9	288·6	26th	295·6	+0·3	295·8	47	− 69
423	St. John, N.B.	40 43	74 0	95·7	1006·1	1017·3	+1·4	291·6	298·1	10th	285·4	281·4	26th	288·5	−0·7	*288·1*	70	− 28
424	S. W. Point, Anticosti	49 24	63 35	12·2	..	1012·8	+0·3	291·4	298·0	3rd	282·0	276·9	26th	286·7	..	..	122	+35
425	Sable Island (Main Station)	43 57	60 6	7·6	..	1019·6	..	292·8	295·8	14th	287·1	284·7	2nd, 12th	289·9	−0·4	..	46	− 57
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1015·6	+0·4	292·3	299·1	31st	283·3	278·6	1st	287·8	−0·4	..	97	+30
435	Madrid	40 24	3 41	655·4	941·3	1014·8	0·0	305·4	311·3	16th	287·3	283·5	13th	296·4	−1·5	296·0	5	− 5
436	Nantes	47 15	W 1 34	41·4	1012·6	1017·5	−0·1	297·2	302·2	29th	286·0	281·1	23rd	291·6	−0·5	*291·2*	10	−39
437																		
438	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1011·4	1017·4	+1·0	295·9	302·8	27th	284·7	280·4	7th	290·3	−1·0	*289·7*	61	+ 7
438*a*	Marseilles	43 18	5 23	75·0	1005·8	1014·6	−0·5	300·2	304·0	27th	289·0	285·9	17th	294·6	−0·4	*294·3*	2	− 21
439	Zürich	47 23	8 33	493·2	960·1	1017·4	−0·3	..	300·1	24th	..	282·0	17th	..	−1·1	289·2	134	+ 1
440	Rome	41 54	12 29	63·4	..	1014·4	−0·5	301·7	306	20th	291·2	287	17th	296·4	−0·7	*296·4*	29	+ 2
440*a*	Vienna	48 15	16 22	202·5	990·5	1014·4	−1·0	294·1	298·2	5th	286·7	282·0	9th	290·4	−2·0	290·0	84	+14
441	Buda-Pesth	47 30	19 2	129·6	998·7	1014·0	−0·8	297·6	302·0	5th	286·8	284·7	9th	292·2	−1·6	*291·4*	80	+28
442	Bucharest	45 25	26 6	82	1003·0	1012·6	−1·8	..	305·4	21st	..	283·2	17th	293·4	−1·9	..	43	− 5
443	Odessa (University)	46 29	30 46	65·3	..	1012·8	−1·7	298·8	303·6	26th	290·2	287·1	2nd	294·5	−0·8	*294·2*	42	+12
444	Kharkov (University)	50 0	36 14	140	..	1013·8	+0·6	..	304	..	..	284	..	294·1	+1·3	293·7	36	−14
444*a*	Novorossiisk	44 40	37 49	37	..	1010·8	−2·4	..	307	..	..	288	..	298·2	+0·9	*297·8*	10	−30
445	Tiflis	41 43	44 48	409	..	1011·8	−0·2	..	310	..	..	283	..	299·2	+1·7	*299·0*	0	−39
446	Astrakhan	46 21	48 2	−14	..	1015·0	+1·7	..	307	..	..	286	..	297·4	+0·4	*297·0*	10	− 2
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1010·6	−1·1	..	313	..	..	289·5	..	304·5	+2·9	*304·2*	..	..
449	Tachkent	41 20	69 18	479·2	953·4	1007·5	0·0	305·2	311·0	1st	287·1	280·7	20th	296·2	−2·7	*295·5*	0	− 2
450	Tourgay	49 38	63 27	? 130	1004·0	1019·2	..	..	309·6	14th	288·0	280·3	19th, 21st	295·3	..	..	10	..
451	Narynskoe	41 26	76 2	?2015	793·8	..	..	..	305·9	1st	280·5	275·0	8th	289·9	+0·4	*289·4*	0	−26
452	Vernyi	43 16	76 53	824·8	917·4	1009·5	+2·9	300·2	307·6	1st, 2nd	..	..	..	293·1	−1·5	*292·7*	0	−26
461	Mukden	41 48	123 23	43·8	1002·0	1007·0	+0·3	302·9	307·8	21st	290·6	282·6	31st	296·8	+0·1	296·5	70	−69
462	Joshin	40 40	129 11	4·0	1007·0	1007·5	−0·9	297·2	301·5	11th	290·2	285·6	27th	293·7	−1·0	293·6	39	−86
463	Vladivostok	43 7	131 54	26·8	1004·8	1007·9	−2·8	296·8	301·8	11th	289·6	284·6	26th	293·2	−1·3	*292·6*	54	−42
464	Ochiai	47 20	142 44	6·6	1006·4	1007·2	..	294·6	303·0	5th	283·4	274·0	27th	289·0	..	288·9	132	..
465	Nemuro	43 20	145 35	26·7	1006·1	1009·3	−2·2	291·0	295·9	5th	284·2	280·4	3rd	287·6	−3·0	287·2	100	+ 5
		N.	E.															

AUGUST—ZONE 5 (Western Half).

Between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1008·8	1014·5	+1·4	293·0	303·0	6th	286·3	284·1	30th	289·7	+2·3	*289·0*	0	0
512	San Luis Obispo	35 18	120 39	61·3	1007·8	1014·9	+2·7	299·1	305·8	27th	285·2	279·7	15th	292·1	+1·6	*291·6*	23	+23
513	Modena	37 48	113 54	1670	836·7	1014·5	+3·4	301·9	304·7	21st	285·2	278·0	17th	293·4	+0·1	*293·6*	27	−20
514	San Diego	32 43	117 10	26·5	1010·1	1013·2	+1·0	296·3	302·4	24th	290·8	288·0	17th	293·5	+0·1	*293·3*	1	0
515	Santa Fé	35 41	105 57	2138	792·7	1013·9	+1·7	299·7	303·6	16th	286·9	285·2	23rd	293·3	+0·9	*293·0*	27	−33
516	Denver	39 45	105 0	1613	841·2	1015·2	+2·0	303·6	308·6	26th	288·6	285·2	29th	295·9	+1·6	*295·9*	22	−13
517	Abilene	32 23	99 40	529·6	954·9	1014·5	+1·4	309·1	310·8	9th	295·2	293·0	3rd	302·1	+1·7	*301·9*	13	−36
518	Saint Louis	38 38	90 12	172·8	995·6	1015·6	0·0	306·9	311·3	28th	295·8	290·8	23rd	301·3	+3·2	*301·2*	40	−28
519	Mobile	30 41	88 2	17·4	1014·5	1016·6	+1·4	305·2	309·1	5th	296·3	294·1	25th	301·0	+1·5	*300·3*	142	−30
520	Nashville	36 10	86 47	166·4	997·9	1017·3	+1·4	306·3	310·8	7th	293·6	287·4	30th	300·0	+1·6	*299·7*	22	−66
521	Charleston	32 47	79 56	14·6	1015·6	1017·3	+1·0	303·6	309·7	13th	296·3	293·6	18th	299·7	−0·1	*299·1*	89	−89
522	Washington	38 54	77 3	34·1	1013·2	1017·3	+1·0	301·9	309·1	10th	290·8	285·2	21st	296·4	−0·2	*296·2*	138	+25
523	Bermuda	32 17	64 46	46·0	1014·8	1020·2	+1·4	301·0	302·0	2nd	295·1	292·7	18th	298·1	−1·2	*298·7*	225	+73
524	Horta	38 32	28 38	30	..	1025·0	+2·6	298·4	301	17th, 18th	292·8	284	30th	295·6	+0·3	..	16	−25
531	Ponta Delgada	37 44	25 40	17	..	1023·8	+1·7	297·2	299	12, 13, 18	292·0	290	2nd, 4th	294·6	−0·5	..	16	+ 6
532	Madeira (Funchal)	32 37	16 54	25	1017·2	1020·2	+1·8	?293·1	?294·0	sev. dates	?286·7	?285·0	3rd, 27th	?289·9	?−4·0	..	7	+ 5
533	Lisbon	38 43	9 9	95·4	1005·4	1016·6	−0·6	298·3	306·0	14th, 15th	290·5	288·8	8th, 10th	294·4	−0·9	*293·8*	1	− 4
534	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
535	Gibraltar	36 6	5 21	16·2	1014·5	1016·4	+1·0	299·5	303·0	1st	291·7	288·6	3rd	295·6	−2·0	*295·1*	2	− 2
536																		
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1007·5	1011·9	−4·0	304·0	314·6	25th	295·6	292·1	14th	299·8	+1·0	*299·1*	0	[illegible]
538	Palma	39 33	2 42	..	..	1016·7	−0·4	302·8	309	25th	295·1	292	8th	299·0	+1·3	..	23	[illegible]
538a	Tunis	36 48	10 10	43	1013·1	1018·0	+2·6	306·1	317·2	19th	293·5	289·0	24th	299·8	+0·5	..	0	[illegible]
539	Malta	35 54	14 31	59	..	1017·0	+0·3	300·7	307	20th	294·8	293	sev. dates	297·8	−1·2	..	0	[illegible]
540	Catania	37 30	15 3	64·9	..	1015·5	+0·1	303·2	310·4	31st	293·9	291·7	16th	298·6	−0·2	..	0	[illegible]
541	Athens	37 58	23 43	107·1	..	1012·0	−0·4	303·0	309	20th	293·6	284	3rd	298·3	−1·9	*297·9*	93	[illegible]
542	Alexandria	31 9	29 54	32·0	..	1011·6	+1·5	303·0	305	2nd	295·9	294	4th	299·4	−0·5	*298·5*	0	[illegible]
543	Cairo (Helwan)	29 52	31 20	115·6	..	1011·0	+1·1	306·9	312	2nd	293·5	292	4th	300·2	−0·5	*300·0*	0	[illegible]
544	Nicosia	35 12	33 24	22·1	..	1007·2	0·0	308·2	314	9th	291·6	288	31st	299·9	−1·4	*299·0*	0	[illegible]
544a	Beirut	33 54	35 28	52·4	..	1008·8	+1·2	302·6	304	17th	296·1	294	5th	299·4	−0·8	..	0	[illegible]
545	Baghdad	33 21	44 28	38·7	998·4	1002·8	+0·2	316·1	319·5	24th, 28th	298·8	295·3	10th	307·5	+0·2	..	0	[illegible]
546	Lenkoran	38 46	48 52	−19	1012·7	1010·5	−0·2	..	304·9	9th	293·4	290·7	25th	299·4	+0·3	*299·2*	0	[illegible]
547	Busrah	30 31	47 53	7·6	1000·2	1001·3	+0·4	314·4	319·6	23rd	299·3	296·4	8th, 9th	306·8	+0·1	..	0	[illegible]
548	Meshed	36 16	59 35	946	903·5	1006·2	..	306·1	312·7	1st	285·2	279·7	22nd	295·6	−0·7	..	0	[illegible]
549	Quetta	30 11	67 3	1677	826·7	..	0·0	305·8	310·5	1st, 3rd	288·4	284·0	21st	297·1	−0·2	*296·8*	1	[illegible]
550																		
551	Lahore	31 34	74 20	214	976·2	999·8	−0·3	309·1	313·2	3rd	299·3	294·8	8th	304·2	+0·1	*303·7*	221	[illegible]
551a	Simla	31 7	77 8	2204·8	778·1	..	+0·4	292·7	295·0	5th	287·9	285·4	27th	290·3	−0·1	*290·0*	294	[illegible]
552	Leh	34 10	77 42	3503	665·0	..	+0·1	297·3	301·2	3rd	281·9	277·1	9th	289·6	−0·9	*288·2*	5	[illegible]
552a	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	280	[illegible]
559	Hang Kow	30 35	114 17	37·0	1001·5	1005·7	+0·1	307·8	310·7	18th	299·8	292·8	30th	303·8	+1·2	*303·2*	5	[illegible]
560	Tiensin	39 10	117 10	5·0	1006·6	1007·2	+0·1	303·6	309·9	10th	294·9	286·7	30th	299·3	−0·2	..	76	[illegible]
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1005·1	−0·2	306·6	311·3	20th	295·9	291·3	26th	301·2	+0·4	300·2	28	[illegible]
562	Jinsen (Chemulpo)	37 29	126 32	67·6	999·5	1007·2	−2·0	300·5	304·1	21st	293·2	288·8	27th	296·9	−0·8	296·4	111	[illegible]
562a	Nagasaki	32 44	129 52	133·0	991·2	1006·4	−2·6	303·2	305·5	16th	295·6	291·9	28th	299·4	−1·0	298·8	78	[illegible]
563	Kioto	35 1	135 44	42·9	1001·7	1006·6	−3·4	305·2	309·2	10th	292·3	288·8	20th	298·7	−1·0	298·2	159	[illegible]
564	Tokio	35 41	139 45	21·3	1004·1	1006·6	−4·1	301·9	305·5	12th	293·1	288·5	2nd	297·5	−1·6	296·8	252	[illegible]
565	Miyako	39 38	141 59	30·4	1004·2	1007·7	−3·4	296·6	301·4	28th	288·8	282·8	1st	292·7	−3·0	292·1	341	[illegible]
566		N.	E.															

AUGUST—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Total.	Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1013·7	1015·2	−1·5	301·9	303·0	2nd	296·4	295·2	20th	299·2	+0·5	..	29	[illegible]
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
616	Leon	21 7	101 41	1798·6	824·7	..	+1·3	299·4	301·6	9th	287·3	285·5	24th	293·4	+2·5	..	73	[illegible]
617	Galveston	29 18	94 50	16·5	1014·2	1016·2	+1·7	304·1	308·6	6th	298·6	292·4	27th	301·3	+0·2	*301·2*	99	[illegible]
618	New Orleans	29 58	90 4	15·5	1014·2	1015·9	+0·7	305·2	307·4	5th	297·4	294·1	11th	301·2	+1·0	*300·5*	134	[illegible]
619	Havana	23 8	82 22	24·3	..	1016·4	+0·9	302·9	304·6	5th	296·5	295·0	26th	299·7	−0·6	*299·4*	129	[illegible]
620	Key West	24 33	81 48	6·7	1015·2	1015·9	+0·7	303·6	305·2	2nd	298·0	293·0	6th	300·8	−1·0	*300·9*	132	[illegible]
621	Nassau, Bahamas	25 5	77 21	7·6	..	1017·1	+1·4	303·8	305·8	15th	297·3	294·4	7th	300·6	−0·4	..	122	[illegible]
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	[illegible]
634	Las Palmas, Canary Islands	28 7	W 15 26	7	1017·3	1018·1	+0·6	298·8	300·0	26th	293·2	292·4	sev. dates	296·0	−0·8	..	0	[illegible]
637	Insalah	27 17	E 2 27	330	..	..	..	320·4	..	..	301·5	296·0	14th	311·0	+2·2	*311·2*	0	[illegible]
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1012·2	+0·5	314·8	319	3rd	297·0	294	20th, 21st	305·9	+1·6	*306·0*	..	[illegible]
642	Wadi Halfa	21 55	31 20	128·3	..	1009·4	+0·7	313·3	317	25th	295·7	293	11th	304·5	−0·1	*304·9*	..	[illegible]
643	Suez	29 57	32 32	3·4	..	1010·6	+1·5	309·6	314	23rd	293·3	292	sev. dates	301·4	−0·7	..	0	[illegible]
644	Aswan	24 2	32 53	99·6	..	1008·6	+0·9	313·5	318	24th	296·0	295	7th	304·8	−1·3	*306·2*	..	[illegible]
647	Bushire	28 59	50 53	4	1000·2	1000·8	+1·2	306·8	313·4	20th	300·4	296·9	14th	303·6	−1·9	..	0	[illegible]
648	Jask	25 44	57 47	4	1000·2	1000·7	−0·8	308·8	313·7	26th	302·1	299·3	28th	305·4	+0·6	..	0	[illegible]
649	Kurrachee	24 53	66 57	4	1001·8	1002·2	+0·3	302·9	304·4	10th	299·1	296·3	27th	301·0	+0·9	*300·4*	36	[illegible]
650	Hyderabad, Sind	25 24	68 18	29	997·1	1000·3	0·0	?306·6	308·8	12th	?298·8	295·1	27th	?302·7	?−1·1	..	69	[illegible]
651	Jaipur	26 56	75 52	436	954·5	1002·3	+0·5	307·7	312·0	21st	297·3	294·7	28th	302·5	+0·7	*301·6*	2	[illegible]
652	Nagpur	21 8	79 5	310	969·6	1004·2	+0·9	303·2	307·8	19th	296·2	294·6	2nd, 3rd	299·7	−0·4	*298·9*	412	[illegible]
653	Allahabad	25 25	81 51	94	990·9	1001·3	+0·2	306·6	310·0	5th	298·8	296·1	6th	302·7	+0·7	*302·1*	213	[illegible]
654	Calcutta	22 36	88 23	6	1000·5	1001·2	−0·9	304·2	306·4	4th	298·8	297·7	7th	301·5	+0·3	*301·3*	340	[illegible]
655	Gauhati	26 8	91 41	59	996·2	1002·8	..	305·6	308·7	5th	298·5	297·2	5th, 6th	302·1	..	..	200	[illegible]
655a	Cherrapunji	25 15	91 42	1314	867·1	..	..	295·3	300·1	5th	291·1	290·0	16th, 23rd	293·2	..	..	1544	[illegible]
656	Shillong	25 33	91 48	1500	844·6	..	..	296·6	299·1	5th	290·6	288·9	19th	293·6	..	..	328	[illegible]
656a	Akyab	20 11	92 56	6	1003·6	1004·2	−1·3	302·4	304·6	27th	297·6	296·1	15th, 21st	300·0	−0·2	*300·1*	1095	[illegible]
657	Phu Lien	20 48	106 37	115·6	989·7	1002·8	−1·1	304·2	307·5	30th	297·8	295·0	18th	301·0	−0·5	*300·4*	271	[illegible]
658	Moncay	21 31	107 51	9	1002·3	1003·3	−0·5	304·1	309·0	17th, 30th	296·6	294·7	20th	300·4	−1·1	*299·8*	662	[illegible]
659																		
660	Hong Kong	22 18	114 10	33·2	1000·9	1004·6	−0·6	303·3	306·3	16th	298·4	296·8	17th	300·9	+0·1	300·6	268	[illegible]
661	Taihoku, Formosa	25 2	121 31	9·3	1005·1	1006·1	+0·9	306·3	309·2	17th	297·2	294·6	27th	301·7	+0·5	301·2	62	[illegible]
662	Naha	26 13	127 41	10·5	1005·0	1006·2	−1·6	305·1	307·2	17th	298·4	295·4	6th	301·7	+0·8	301·5	106	[illegible]
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	810·5	..	..	296·4	298·7	24th	285·6	284·0	1st	291·0	..	*290·1*	177	..
717	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	19 26	99 8	2280	781·2	..	+0·9	296·0	299·2	10th	284·7	282·5	20th	290·4	−0·2	289·5	60	−55
718a	Oaxaca	17 4	96 44	1563	847·4	..	..	300·7	303·5	5th	286·8	284·4	16th	293·8	..	*292·9*	30	..
719	Belize	19 29	88 12	1·9	..	..	..	304·3	305·8	6th	298·6	296·3	3rd	301·5	−0·8	*300·3*	157	−77
720	San Salvador	13 44	89 9	657	939·3	1012·8	+1·6	..	305·2	..	..	288·0	..	296·2	−0·1	..	333	+37
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·3	+0·8	303·4	304·8	13th	295·3	293·3	25th	299·4	−0·3	*299·6*	155	−17
722	Port au Prince	18 34	72 22	37·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	1014·2	1014·9	..	303·1	304·8	21st	298·1	295·8	7th	300·6	..	..	45	..
724	Grenada (Richmond Hill)	12 3	61 45	155·1	994·9	1012·7	0·0	302·3	303·6	13, 21, 24	296·6	294·7	8, 13, 28	299·5	+0·2	*298·9*	240	−5
725	Barbados	13 8	59 36	55·2	..	1012·0	+0·5	302·8	303·9	24th	296·2	294·4	30th	299·5	−0·6	*299·3*	158	−35
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1012·1	1013·3	+1·2	299·5	300·8	23rd	293·6	292·6	4th	296·5	−2·7	..	3	−46
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·3	1015·2	..	301·6	303·6	8th	297·3	295·2	28th	299·4	+0·1	..	47	−52
733	Bathurst	13 24	16 36	1·5	1013·2	1013·4	+0·8	303·6	305·8	27th	295·2	293·6	3, 13, 23	299·4	+0·2	*300·8*	272	−236
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	311·1	312·4	1, 9, 22	297·6	293·0	4th, 10th	304·3	+3·6	..	126	−151
735	Ségou	13 34	6 17	? 272	..	..	..	..	..	..	294·7	293·0	20, 21, 23	..	..	..	277	..
736	Timbouctoo	16 43	W 2 52	250	980·8	1008·4	−0·9	313·9	317·5	7th, 10th	298·3	292·0	13th	306·1	+2·0	*305·2*	93	..
737	Sokoto	13 2	E 5 14	354	..	..	..	306·8	310·2	12th, 30th	295·2	292·4	19th	301·0	+1·8	..	130	−73
738	Kontagora	10 24	5 24	400	..	..	..	302·7	305·2	27th	293·4	291·3	5th	298·1	0·0	..	242	−26
739	Maiduguri	11 48	13 12	370	..	..	..	308·6	313·0	1st	296·1	293·0	4th, 21st	302·3	+2·4	..	132	−75
740	Katagum	12 17	10 22	30·7	..	..	..	308·3	312·4	4, 5, 6	296·1	294·1	10, 20, 31	302·2	+2·7	..	92	−104
742	Kadugli	11 2	29 45	503	..	..	..	304·9	308·5	19th	293·6	291·0	21st	299·3	..	..	168	..
743	El Obeid	13 11	30 14	585	..	1013·4	+0·9	306·8	310	31st	294·7	291	15th	300·8	+0·8	*301·0*	119	+3
744	Khartoum	15 37	32 33	390	..	1010·2	+1·3	311·2	314	24th	297·5	293	15th	304·4	0·0	*304·8*	70	+19
746	Aden	12 45	45 3	28·7	1002·7	1005·8	+1·0	306·6	308·1	23rd	300·4	298·2	10th	303·5	+0·8	*303·7*	0	−3
751	Bombay	18 54	72 49	11·3	1006·2	1007·4	+0·6	302·3	303·6	31st	298·4	296·8	21st	300·4	+0·4	*299·8*	94	−266
752	Mysore	12 18	76 40	768	925·4	1009·9	+0·5	301·2	304·1	18th	291·9	290·2	24th	296·6	−0·5	*295·5*	54	−35
752a	Kodaikanal	10 13	77 28	2343	769·7	..	0·0	290·8	293·8	10th, 11th	283·8	281·3	24th	287·3	−0·1	*286·6*	125	−65
753	Madras	13 4	80 14	6·7	1006·3	1007·1	−0·1	309·2	312·2	4th	299·6	297·2	20th	304·4	+1·6	303·3	18	−107
754	Waltair	17 45	83 16	68·9	995·8	1003·5	−0·1	305·7	308·9	9th, 10th	298·9	296·8	27th	302·3	..	*301·7*	38	−103
755	Port Blair	11 40	92 40	17·7	1006·0	1008·0	−0·3	302·7	304·2	17th	298·4	296·3	25th, 29th	300·6	+0·2	*300·0*	206	−170
756	Rangoon	16 46	95 48	5·5	1007·3	1007·1	−0·8	302·4	304·4	17th	297·2	295·5	30th	299·8	−0·1	*298·9*	445	−55
757	Saigon	10 46	106 42	11·2	1006·4	1007·6	+0·2	304·0	305·8	1st, 10th	296·6	294·9	24th	300·3	−0·5	..	283	+2
758	Nhatrang	12 16	109 12	6·8	1004·8	1005·5	+0·1	306·3	309·9	6th	296·8	295·1	21st	301·6	−0·5	..	10	−26
759	Bolinao	16 24	119 53	9·7	..	1005·7	−0·8	303·4	306·0	18th	296·7	295·1	16th	300·1	−0·4	299·4	701	+79
760	Vigan	17 34	120 23	14·7	..	?1005·5	?−0·7	?304·1	..	..	?297·3	?295·3	? 16th	?300·7	?+0·3	?300·0	?310	?−409
761	Manila	14 35	120 59	14·2	..	1006·8	−0·5	303·9	305·9	18th	296·7	295·3	30th	300·3	−0·7	299·3	349	−10
762	Ormoc	11 0	124 36	5·6	..	1007·9	0·0	303·4	304·6	9th	296·7	294·9	29th	300·1	+0·4	300·1	386	+98
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1006·8	..	302·6	304·0	28th	297·3	296·0	18th, 20th	300·0	−0·1	..	389	..
		N.	E.															

AUGUST—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Total.	Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	1011·5	+0·4	305·7	308·0	14th	298·2	296·9	6, 8, 9	301·9	+0·4	*300·5*	96	−9
819	Culebra	9 10	79 40	123·1	..	1010·1	−0·2	303·0	306·3	1st	295·2	294·1	7th	299·1	+0·2	..	248	−20
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	El Peru, Guayanavieja	7 30	62 0	? 300	..	..	..	303·1	304·4	31st	294·7	293·4	22nd	298·9	..	..	103	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1015·7	1015·9	+4·0	303·2	303·7	11th, 31st	296·7	295·2	3rd	300·0	0·0	..	147	−14
826	Paramaribo	5 49	55 9	4	1013·3	1013·7	..	303·7	305·4	5th	298·9	294·2	7th	301·3	..	*300·4*	155	+1
826a	Cayenne	4 56	52 21	6	..	..	..	304·3	306·8	25th	296·1	294·6	4th	300·2	−0·2	*300·2*	40	−30
833	Conakry	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	807	−303
834	Sierra Leone	8 30	13 9	68·3	1005·4	1013·3	+0·2	301·4	303·6	1, 20, 29	294·3	292·4	2nd, 13th	297·8	−0·8	..	920	−28
835	Cape Coast Castle	5 5	1 13	..	..	..	..	301·1	..	..	294·4	..	..	297·7	+0·1	..	22	+4
836	Accra	5 35	W 0 6	18	..	..	..	301·6	..	..	296·5	..	..	299·1	+2·2	..	44	+29
837	Lagos	6 22	E 3 28	7·6	..	1013·5	−0·1	301·9	303·1	..	296·5	294·3	..	299·2	+1·1	..	63	+8
838	Zungeru	9 48	6 10	130	..	1012·8	−0·7	303·5	305·8	13th	293·9	291·3	18th	298·7	0·0	..	264	+33
838a	Libreville	0 23	9 26	35	..	..	..	303·9	305·2	22nd	291·5	290·0	6th	297·7	+0·1	..	0	−15
839	Yola	9 12	12 30	259	..	..	..	304·4	308·6	5th	294·3	291·9	6th, 21st	299·4	+0·6	..	106	−104
841	Kafia Kingi	9 22	24 18	596	946·2	..	..	..	..	..	292·6	291·0	24th	..	..	..	242	..
842	Wau	7 42	28 3	440	..	1011·9	0·0	305·0	310	31st	293·4	291	16, 21, 25	299·2	+0·6	..	229	+16
843	Entebbe	0 5	32 29	1171	884·5	..	+0·2	298·5	301·3	6th	289·8	288·8	2, 6, 20	294·2	+0·5	*293·4*	36	−45
844	Nandi	0 2	35 5	2010	..	..	..	297·9	299·7	20th	282·5	280·8	25th	290·2	+0·7	..	170	−52
845	Harrar	9 42	42 30	1856	..	..	..	295·7	297·0	sev. dates	287·5	287·0	sev. dates	291·6	..	..	138	..
851	Cothin	10 0	76 21	2·7	1010·9	1011·2	+0·5	302·1	303·9	18th	296·9	293·9	20th	299·5	+0·4	*298·9*	162	−170
852	Colombo Observatory	6 54	79 53	7·3	1009·1	1009·9	+0·7	302·6	303·8	26th	297·7	295·3	21st	300·2	−0·4	*299·6*	16	−58
853	Candy	7 18	80 40	504·5	..	..	..	301·0	303·6	9th	294·0	291·9	9th, 27th	297·5	+0·7	..	114	−29
855	Medan	3 35	98 41	23·5	..	1009·3	−0·5	..	..	..	..	..	..	..	..	..	280	+95
856	Kota Radja	5 32	95 20	7·1	..	1009·5	−0·6	..	..	..	..	..	..	..	..	..	94	−25
857	Penang	5 34	100 20	5·0	1006·6	1007·2	−2·5	304·1	305·8	10th	295·8	294·7	22nd	299·9	−0·4	..	156	−200
858	Singapore	1 17	103 51	2·2	1009·7	1009·9	+0·1	304·4	306·0	1st	296·8	295·2	8th	300·6	+0·5	..	65	−127
860	Sandakan	5 49	118 12	..	..	..	..	304·6	..	..	296·6	..	..	300·6	0·0	..	245	+34
861	Tagbilaran	9 38	123 51	26·2	..	1007·9	0·0	304·4	306·5	15th	297·2	294·9	19th	300·8	−0·2	300·4	139	+17
862	Surigao	9 48	125 29	6	..	1007·4	−0·4	305·3	307·4	11th	298·3	296·5	18th	301·8	+0·2	301·0	74	−16
863	Yap	9 29	138 8	31·9	..	1005·8	..	303·9	305·7	16th	296·7	295·0	1st	300·3	..	..	442	..
869	Uyelang	9 42	161 2	< 10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
906																		
923	Manaos	3 8	59 59	44·9	1005·0	1010·1	+1·1	..	307·6	..	..	294·8	26th	300·6	−1·2	..	35	..
929	Quixeramobim	5 16	39 15	207·0	991·0	1014·5	+0·3	..	306·5	..	..	294·6	2nd	300·0	−0·1	*299·9*	3	..
930	Fernando Noronha	3 51	W32 25	95	1002·8	1013·8	+1·0	..	301·4	..	..	293·5	..	297·9	..	..	63	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	302·8	304·9	8th	290·8	288·1	2nd	296·8	+0·2	..	0	..
940	Loango	4 38	11 50	? 50	..	..	..	299·6	300·4	14th	292·2	289·5	3rd	295·9	..	*295·3*	0	..
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
944	Nairobi	1 18	36 59	1660	..	..	..	294·1	298·3	29th	281·9	275·5	1st	288·0	−0·9	..	28	+ 5
944*a*	Zanzibar	6 10	39 11	21·9	1017·3	1019·7	+0·9	300·4	302·1	29th	295·6	294·6	17th	298·0	+0·2	*296·9*	21	− 21
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	304·3	305·2	1st	296·4	295·2	28th	300·4	..	..	102	+ 41
947	Seychelles	4 37	55 27	4·6	..	1013·6	+0·8	300·2	301·1	..	297·6	294·7	..	298·9	+0·2	..	60	+ 9
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1011·3	+0·2	303·3	304·8	31st	295·7	294·3	23rd	299·5	..	298·9	384	+ 23
957	Batavia	6 11	106 50	8	1010·0	1010·9	+0·4	303·6	304·6	25th	295·8	293·6	29th	299·7	+0·4	299·5	34	− 2
958	Pontianak	0 1	109 20	2·6	..	1010·4	+1·1	304·8	306·5	12th	296·1	294·9	29th	300·5	..	299·8	62	− 160
959	Passeroean	7 38	112 55	5·0	..	1011·3	+0·2	..	..	..	..	..	..	..	..	..	0	− 18
960	Kajoemas	7 56	114 9	950	..	..	..	297·4	300·6	25th	289·1	286·4	17th	293·3	..	292·4	0	− 118
961	Koepang	10 10	123 34	3·3	..	1012·7	+1·4	304·9	307·6	24th	291·9	289·6	16th	298·4	..	297·8	0	
962	Ambon	3 42	128 10	4·2	..	1011·6	+0·6	300·4	302·2	21st	295·0	292·3	11th	297·7	−0·1	297·4	281	− 55
965	Daru	9 4	143 13	8	..	1010·2	−1·9	300·6	..	..	295·9	..	..	298·3	+0·3	..	6	− 13
966	Port Moresby	9 29	147 9	39	..	1012·1	−0·3	300·4	..	..	295·9	..	..	298·2	−0·3	..	9	
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	683	+298
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1008·9	1009·1	−0·7	302·8	305·2	2nd	297·4	295·8	10th	300·1	+0·3	..	143	− 52
970	Ocean Island	0 52	169 36	25·6	1004·3	1007·3	−1·1	304·9	306·9	23rd	297·6	296·3	6, 13, 26	301·3	+0·4	*300·6*	109	+ 58
		S.	E.															

AUGUST—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1001																		
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	1012·8	1017·1	−0·6	300·2	302·4	22, 27, 28	290·9	286·4	10th, 11th	295·6	−0·1	..	20	− 66
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1007·5	1012·9	−0·3	300·9	303·9	17th	294·2	290·1	15th	297·6	..	..	310	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	1013·9	1015·1	+1·0	297·8	299·4	23rd	286·3	285·2	7th	292·1	+2·0	*290·4*	0	..
1022	Arequipa	16 22	71 33	2451	761·9	..	−0·2	292·7	294·7	24th	281·1	278·6	21st	286·9	−0·2	*286·5*	0	− 4
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	295·5	301	29th	278·6	274	13th	287·1	−1	..	2	− 4
1025																		
1026	Cuyaba	15 36	56 0	235	992·9	1019·8	−1·1	304·0	307·2	..	294·3	284·9	..	299·2	+0·7	..	46	+ 37
1027	Bello Horizonte	19 55	43 56	857·0	921·7	1018·5	..	297·5	302·4	9th	285·0	280·2	5th	291·3	..	..	16	..
1028	Cætite	14 2	42 37	900	915·6	1016·2	..	..	304·4	..	..	285·2	..	294·0	..	..	12	..
1029	Ondina	13 12	38 30	46·6	1012·0	1017·5	..	..	302·9	..	..	291·5	14th	297·0	..	..	195	..
1030	Aracaju	10 55	37 4	4·3	1016·7	1017·2	..	..	303·5	..	..	292·9	6th	298·5	..	..	62	− 88
1035	St. Helena	15 57	W 5 40	632	948·5	1021·0	−0·3	291·6	294·1	17th	285·1	283·6	19th	288·3	+1·1	*288·0*	55	
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	862·6	..	0·0	299·4	305·2	12th	281·3	275·8	16th	290·3	+2·0	..	..	..
1043	Salisbury, Rhodesia	17 49	31 3	1487	860·9	..	+1·4	299·0	303·3	31st	279·3	275·6	2nd	289·2	+0·6	..	..	− 9
1044	Zomba	15 23	35 18	954	911·0	1018·8	+0·7	297·7	298·6	29th, 31st	284·3	283·4	1st	291·0	−0·1	*289·3*	0	− 15
1045	Tamatave	18 9	49 26	4	1022·8	1023·2	+2·2	299·9	302·2	28th, 29th	292·7	289·9	5, 6, 9	296·3	+1·8	..	230	− 5
1046	Tananarivo	18 55	47 32	1400	869·6	..	+1·3	295·3	301·0	28th	282·5	277·9	5th	288·9	−0·2	287·7	4	
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1014·0	+0·9	300·4	303·8	6th	295·8	294·6	28th	298·1	−0·9	..	233	+102
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1010·3	1010·9	+0·4	303·2	304·7	..	295·6	294·6	..	299·4	0·0	..	21	− 87
1058																		
1061	Derby	17 18	123 40	16·2	..	1015·2	+1·1	303·8	307·7	21st	289·5	285·2	2nd	296·7	+0·1	..	0	− 3
1062	Hall's Creek	18 13	127 46	373·6	..	1015·3	+0·1	303·9	306·4	19th	283·9	279·7	4th, 5th	293·9	+0·4	..	0	− 3
1063	Port Darwin	12 28	130 51	29·6	..	1012·9	+0·7	303·9	306·3	22nd	293·6	291·6	13th, 15th	298·8	−0·5	*297·6*	0	− 3
1064	Daly Waters	16 16	133 23	210·6	..	1012·7	..	305·1	306·9	16th, 20th	285·7	281·3	15th	295·4	−0·1	*294·7*	0	− 3
1065	Mein	13 13	142 57	121·9	..	1012·7	..	302·3	304·1	4th	290·6	284·7	15th	296·5	..	..	0	− 3
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	302·1	305·2	22nd	283·9	276·3	15th	293·0	..	..	0	− 232
1067	Samarai	10 37	150 40	6·4	..	1010·1	−2·2	..	..	..	295·4	..	..	..	..	..	39	
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1015·1	−0·7	298·9	302·4	23rd	292·7	289·7	17th	295·8	−0·4	..	97	− 90
		° S. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

AUGUST—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	297·1	299·7	30th	290·8	285·8	9th, 12th	293·9	..	..	51	− 62
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1017·9	1021·5	..	293·3	295·4	21st	288·2	283·8	15th	290·8	..	*289·8*	26	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1013·6	1016·6	−1·1	289·0	291·8	7th	283·3	281·5	26th	286·2	+1·0	*286·0*	0	− 23
1122	Puerto de Antofagasta	23 39	70 25	5	1016·0	1016·6	+1·3	294·5	295·9	26th	283·6	283·2	5th	289·1	−0·8	*288·3*	0	0
1125	Goya	29 9	59 15	64	1011·3	1019·0	+0·1	296·9	307·3	30th	283·8	274·3	26th	290·3	+1·8	*290·6*	24	− 12
1126	Porto Alegre	30 2	51 13	15	1017·9	1019·7	..	294·1	300·6	19th	283·0	274·4	26th	288·6	..	..	69	− 31
1127	Curityba	25 26	49 16	908	916·3	1020·1	−0·4	293·4	299·6	..	280·4	268·2	26th	286·9	0·0	*286·5*	43	− 47
1128	Rio de Janeiro	22 54	W43 10	64	1011·8	1019·4	+0·2	297·0	302·1	..	291·5	288·9	..	294·3	−0·2	*294·0*	33	− 13
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141	Johannesburg	26 11	28 4	1874	..	..	..	293·1	298·4	21st, 22nd	280·5	270·5	14th	286·8	+1·3	*286·4*	23	+ 16
1142	Kimberley	28 42	28 47	1202	886·0	..	−0·4	296·2	301·9	20th, 27th	279·2	273·5	14th	287·7	+1·8	287·0	1	− 5
1142*a*	Pretoria	25 45	28 11	1338	873·8	..	+0·4	296·5	301·4	21st	277·9	272·0	17th	287·2	−2·8	..	26	+ 20
1143	Durban	29 51	31 0	14·3	1020·2	1021·9	−0·8	292·4	294·7	23rd, 26th	287·5	282·4	15th, 16th	290·0	−1·9	..	18	− 26
1144	Lorenzo Marques	25 58	32 36	59	..	1021·1	+0·7	298·6	305·2	12th	287·4	282·2	17th	293·0	+0·1	292·6	22	+ 11
1147	Mauritius	20 6	57 33	54·3	1014·9	1021·4	+0·9	296·6	298·1	29th	289·3	284·3	1st	292·9	−0·4	292·8	55	− 8
1148																		
1159	Onslow	21 43	114 57	4·3	..	1016·2	0·0	298·2	300·9	24th	286·6	282·9	31st	292·4	+0·6	..	15	+ 4
1160	Peak Hill	25 38	118 47	588·3	..	1016·0	−1·7	293·8	301·9	26th	282·3	278·4	20th	288·1	+0·2	..	13	− 5
1161	Nullagine	21 53	120 5	385·6	..	1016·4	−0·2	298·9	305·8	26th	282·9	275·2	5th	290·9	+0·3	..	5	− 7
1162	Laverton	28 40	122 23	466·3	..	1018·1	−1·8	292·3	298·5	13th	279·8	273·6	3rd	286·1	+0·2	..	18	+ 2
1163	Alice Springs	23 38	133 37	587·0	..	1016·6	−1·3	296·9	303·6	29th	280·7	270·8	10th	288·8	+1·1	*288·6*	0	− 10
1164	William Creek	28 55	136 21	76·2	..	1017·6	..	294·8	303·0	6th	279·9	274·1	10th	287·4	..	*287·2*	0	− 8
1165	Boulia	22 55	139 38	145·7	..	..	..	..	..	..	..	..	..	..	..	..	0	− 6
1166	Mitchell	26 32	147 52	337·1	..	1017·5	..	294·8	299·8	8th	274·3	268·6	15th	284·6	..	..	0	− 22
1167	Rockhampton	23 24	150 30	11·3	..	1018·5	..	298·2	301·9	21st	281·7	276·4	12th, 15th	290·0	..	..	0	− 27
1168	Brisbane	27 28	153 2	41·7	..	1017·0	−1·8	295·5	299·9	30th	281·0	277·2	11th	288·3	−0·6	..	1	− 59
1169	Noumea	22 16	166 27	9	1009·8	1010·8	..	299·8	302·2	11th, 13th	289·6	287·4	14th	294·7	+1·6	..	135	+ 68
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		S.	E.															

Between Latitude 30° S. and 40° S.

AUGUST—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1219																		
1220	Juan Fernandez	33 37	78 50	10	1019·6	1020·8	−1·4	288·9	292·0	4th	283·6	280·7	11th	286·3	+0·8	..	62	− 39
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1013·1	1017·9	−0·4	290·0	296·5	24th	282·5	279·5	23rd	286·3	0·0	*285·6*	26	− 55
1222	Santiago	33 27	70 42	520	957·0	1018·5	..	293·6	305·6	14th	278·9	269·0	24th	286·2	+0·8	285·4	79	+ 66
1223	Cordoba	31 25	64 12	439	966·2	1017·9	−1·7	289·3	302·5	16th	279·9	271·7	10th	284·6	+0·3	*284·6*	61	0
1224	Buenos Ayres	34 16	64 11	25·2	1013·5	1016·6	−1·3	290·3	297·7	18th	284·7	278·0	2nd	287·5	0·0	..	76	− 35
1225	Rio Grande	32 2	52 6	2·3	1016·7	1017·0	−2·0	..	300·5	16th	..	277·0	25th	..	+2·9	286·1	84	+ 13
1226	Montevideo	34 55	W56 13	29·3	..	1016·8	−0·7	..	..	..	..	..	..	..	..	..	..	..
1239	Cape Town	33 56	E18 29	12	1018·4	1019·8	−0·4	293·4	295·2	8th	283·2	277·8	2nd	288·3	+2·4	*286·9*	94	+ 7
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	112	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	292·8	300·2	21st	280·4	276·3	14th, 15th	286·6	+1·9	..	60	+ 23
1242	East London	33 2	27 55	10·1	1018·7	1019·9	0·0	294·2	296·9	27th	285·2	280·2	14th	289·7	+0·8	..	18	− 21
1259	Perth (Observatory)	31 57	115 51	60·0	..	1016·6	−2·2	289·7	292·8	31st	281·9	277·4	20th	285·8	−0·5	..	251	+106
1260	Katanning	33 42	117 35	309·7	..	1014·3	−4·1	287·9	293·1	23rd	278·9	274·2	11th, 20th	283·4	+0·1	..	121	+ 60
1261	Coolgardie	30 57	121 10	423·3	..	1016·3	−3·1	290·8	297·9	26th	278·9	273·6	3rd	284·9	+0·1	..	17	− 8
1262	Eucla	31 45	128 58	4·6	..	1015·9	−2·4	292·9	301·9	13th	280·6	274·1	9th	286·8	+0·2	..	10	− 15
1263	Streaky Bay	32 48	134 13	13·1	..	1017·8	−1·7	291·1	297·2	28th	282·4	278·1	26th	286·7	+1·4	..	39	− 10
1264	Adelaide	34 56	138 35	42·7	..	1016·9	−2·4	290·7	296·8	14th	281·8	277·3	31st	286·3	+1·2	*286·2*	54	− 6
1265	Melbourne	37 49	144 57	35·1	..	1015·4	−2·7	286·9	291·7	29th	279·9	272·3	14th	283·4	−0·1	*283·0*	47	+ 1
1266	Bourke	30 13	145 58	110·1	..	1021·1	+0·6	293·1	301·3	29th	277·9	273·0	11th	285·5	−1·1	..	3	− 21
1267	Sydney	33 51	151 13	44·5	..	1015·4	−3·1	290·5	297·9	30th	281·8	278·0	15th	286·2	+0·5	..	3	− 79
1268	Lord Howe Island	31 32	159 4	..	..	..	..	290·5	297·9	31st	286·0	281·9	6th, 30th	288·8	..	..	135	− 6
1271	Auckland	36 50	174 50	38·1	..	..	..	291·7	295·2	6th	282·1	277·4	twice	284·7	+0·5	..	146	+ 41
1272								287·3	289·7									
		S.	E.															

Between Latitude 40° S. and 50° S.

AUGUST—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
1301	Chatham Island	43 52	170 42	103·6	..	1014·3	+5·7	283·4	286·3	25th	278·5	274·7	18th	280·9	+0·3	..	132	+ 59
1302																		
1321	Punta Corona	41 51	73 50	25	1007·4	1010·4	−6·2	283·3	285·3	2nd, 28th	278·7	276·0	21st, 22nd	281·0	−0·1	*281·4*	177	− 81
1322	Punta Galera	40 1	73 44	40	1013·6	1018·5	+1·7	284·5	287·9	28th	280·1	275·2	22nd	282·3	+0·4	*282·4*	200	− 87
1323	Bahia Blanca	38 45	W62 12	20	1013·9	1016·3	+0·9	289·2	298·0	12th	278·7	274·0	22nd	284·0	+1·2	*283·1*	26	0
1365																		
1366	Hobart	42 53	E147 22	53·9	..	1009·1	−4·4	285·4	291·1	28th	278·1	272·9	15th	281·8	0·0	*281·3*	37	− 9
1369	Launceston	41 27	147 10	9·4	..	1010·7	−4·6	285·8	289·4	27th	276·8	271·3	31st	281·3	+0·3	..	119	+ 47
1370																		
1371	Dunedin	45 52	170 31	76	..	1009·7	−2·7	283·5	289·1	31st	276·9	273·0	27th	280·2	+0·8	..	196	+108
1372	Christchurch	43 32	172 38	7·6	..	1010·7	−3·2	283·4	290·6	25th	275·6	269·6	7th	279·5	−0·5	..	86	+ 28
	Wellington	41 16	174 46	2·4	..	1011·5	−2·2	285·8	289·9	23rd	279·9	275·3	9th	282·9	+0·8	..	109	− 12
		° S. ′	° E. ′	metres.	mb.	mb	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 14.

Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	996·2	1003·0	+6·1	280·8	281·2	sev. dates	275·3	272·5	4th	278·1	+0·5	*277·2*	242	+ 41
1422	Puerto de Punta Arenas	53 10	70 54	4	1002·3	1002·8	+2·0	278·0	282·0	26th	271·9	266·6	6th	275·0	−0·7	*274·9*	42	− 8
1423	Punta Dungeness	52 24	68 25	5	1001·9	1002·5	−1·0	277·8	281·5	27th, 28th	274·1	271·6	4th	276·0	+0·2	*275·7*	12	..
1425	Cape Pembroke	51 41	57 42	15	1001·7	1004·2	+1·3	278·0	280·8	27th	273·2	268·0	5th	275·6	+0·1	*276·1*	..	..
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	57	+ 5
1429	S. Georgia (Cumberland Bay)	54 14	W36 34	3·7	1003·7	1004·2	+4·3	273·7	281·9	29th	267·2	261·4	9th	270·5	−1·2	*270·4*	94	− 22
1467	Macquarie Is.	54 30 S.	E158 57 E.	9	..	1003·1	+1·9	277·8	279·7	2nd	275·1	271·0	30th	276·4	..	*276·4*	..	..

AUGUST—ZONE 15.

Between Latitude 60° S. and 70° S.

		S.	W.															
1527	South Orkneys	60 44 ° ′	44 39 ° ′	6·9 metres.	998·2 mb.	999·1 mb.	+4·0 mb.	.. a.	276·3 a.	..	.. a.	243·0 a.	..	.. a.	+1·1 a.	265·2 a.	36 mm.	+ 3 mm.
1528																		

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—AUGUST 1913.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.
1	SE	8·8	SE 3	E 3	W 2	W 4	..	..	SE 2	W 1	Calm 0	NE 2
2	SE by E	10·0	E 3	E 4	Calm 0	W 4	..	..	Calm 0	NW 1	Calm 0	Calm 0
3	ESE	6·7	SE 4	SE 4	W 4	SW 4	..	..	Calm 0	NE 1	Calm 0	N 1
4	SE by S	4·2	SE 3	SE 3	Calm 0	W 2	..	..	SE 2	W 1	W 3	E 3
5	SE by S	7·9	SE 3	Calm 0	W 2	SW 4	..	..	Calm 0	S 2	Calm 0	NE 3
6	SE	7·1	Calm 0	Calm 0	Calm 0	Calm 0	..	..	SE 2	N 1	NW 1*	N 1
7	E by S	7·1	N 2	SW 2	N 2	W 4	..	..	SE 2	N 2	Calm 0	Calm 0
8	SE	7·5	SE 4	SE 4	NE 4	SW 4	..	..	SE 2	E 1	Calm 0	SE 4
9	SE	9·2	SE 3	E 2	S 4	SW 4	..	..	SE 4	E 2	SE 1	E 2
10	SE by E	8·8	E 3	E 3	W 2	W 2	..	..	E 2	E 2	Calm 0	E 2
11	SE	7·9	SE 4	SE 5	Calm 0	SW 2	..	..	ESE 3	E 1	Calm 0	NE 2
12	SE by S	10·0	SE 5	SSE 2	Calm 0	SW 2	..	..	SE 2	NE 1	Calm 0	N 1
13	ESE	9·2	SSE 4	E 4	S 2	W 2	..	..	SE 1	E 2	Calm 0	N 1
14	SE by S	7·9	E 4	SE 4	Calm 0	W 4	..	..	SE 3	S 3	Calm 0	NE 1
15	SSE	7·1	SE 3	SE 4	SW 2	SW 4	..	..	ESE 3	E 4	SE 2	SW 1
16	..	..	SE 4	SE 2	SW 2	SW 2	..	..	SE 4	E 3	E 1	Calm 0
17	SE by S	..	Calm 0	SE 2	W 2	SW 4	..	..	SE 4	E 3	Calm 0	NW 1
18	SSE	4·2	E 2	E 2	W 2	SW 2	..	..	SE 3	E 4	E 1	Calm 0
19	SE by S	2·9	SE 2	SE 4	SW 2	W 2	..	..	ESE 3	ESE 2	SE 1	E 2
20	SE by S	2·9	SE 4	E 2	W 2	SW 2	..	..	ESE 4	E 2	E 1	Calm 0
21	SE by S	6·7	E 3	E 2	SW 4	W 4	..	..	SE 5	E 3	E 2	NE 1
22	SE by S	7·9	E 4	E 4	SW 2	W 2	..	..	SE 5	SE 3	Calm 0	NE 1
23	SE	4·2	E 4	E 4	Calm 0	W 4	..	..	SE 4	SSE 3	SSE 2	NE 1
24	SSE	5·0	SE 5	E 4	W 2	Calm 0	..	..	SE 5	E 2	E 1	Calm 0
25	SSE	4·2	SSE 3	SSE 3	Calm 0	Calm 0	..	..	SE 3	NE 1	E 1	NE 2
26	S by E	7·9	E 4	E 2	Calm 0	Calm 0	..	..	SE 2	Calm 0	Calm 0	E 1
27	SE by S	4·6	NE 2	SE 4	Calm 0	SW 4	..	..	SE 3	NE 1	E 1	N 1
28	SSE	7·5	SE 4	SE 4	Calm 0	Calm 0	..	..	SE 3	S 1	Calm 0	Calm 0
29	SE	7·5	E 4	E 5	Calm 0	SW 4	..	..	SE 4	W 1	Calm 0	Calm 0
30	SE by E	10·0	SSE 5	E 4	Calm 0	Calm 0	..	..	SE 3	W 1	Calm 0	N 1
31	SE by E	5·0	SE 4	SE 4	Calm 0	W 2	..	..	SE 3	S 2	Calm 0	NE 3
Mean for Month	..	6·9	..	3·3	..	1·4	..	2·5	..	2·8	1·8	0·6	1·2
Deviation from Normal	..	−1·4	..	..	..	..	..	..	..	..	−0·8		−0·8

* Direction and velocity in the South-East Trade Wind at 632 metres

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—AUGUST 1913.

**Siberian Arctic Sea.*—" Two steamers forced their way from Bering Strait to Cape Chelyuskin, where they met impenetrable ice. The S. part of *Kara Sea* was open, but the ice covered an area of 188×10^3 sq. km., compared with a normal of 137×10^3 sq. km."

**Barents Sea* " became completely free of ice W. of Vaigats, the mass of ice E. of Bear Is. passing away in the middle of the month. The ice covered an area of 267×10^3 sq. km., compared with a normal of 304×10^3 sq. km."

**Spitsbergen.*—" Hinlopen Strait was blocked; Storfiord was free, the ice extending from Edge Is. to North-East Land, thence to Cape Mohn and Charles Land, and S. to 74° N."

**Greenland Sea.*—" There was much ice, but it was scattered; it covered an area of 723×10^3 sq. km., compared with a normal of 550×10^3 sq. km."

**Iceland.*—" There was scattered ice off the N.W. coast during the first half of the month, though Iceland is generally ice-free in August."

North Atlantic and Labrador.—" There was much pack in and off Belle Isle Strait. Icebergs were about as numerous as in June and July; their limits were 42° N., 41° W. The normal limits in August are 43° N., 45° W., and their extreme limits (1901–16), 41½° N., 39° W."

**Davis Strait, Baffin Bay.*—" At Cape Farewell the closely packed Storis, 60 miles broad, remained close inshore. A broad bank of ice still extended to 40° W. on the lat. of Cape Farewell at the beginning of the month, but disappeared later. Along the W. coast of Greenland the ice extended close inshore to Nunarsuit and off-shore nearly to Frederikshaab. Nunarsuit is the normal limit of the Storis this month."

**Bering Sea and Strait* " were free of ice. In the *Beaufort Sea* a bank of heavy polar-ice lay close to the land from Point Barrow to Cape Lisbourne, whence it trended W. to 68½° N., 170° W. The ice was heavy on the north coast of *Alaska*."

* *Isforholdene i de arktiske Have, 1913*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, SEPTEMBER 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF SEPTEMBER 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

SEPTEMBER—ZONE 1.

Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1005·4	1007·7	−0·3	277·0	283·6	14th	270·7	265·7	25th	273·9	0·0	*273·7*	43	+ 16
126																		
139	Spitsbergen	78 2	E 14 14	11·4	1007·8	1009·3	−1·6	..	278·1	8th	271·8	265·0	23rd	..	..	273·8	37	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1012·7	1013·5	+5·0	..	284·8	9th	278·1	274·6	20th	..	+0·3	*279·9*	194	+125
142	Mehavn	71 1	27 47	6·4	1012·3	1013·1	..	..	285·1	13th	278·1	274·1	20th	..	..	*279·9*	108	+ 20
143	Vardö	70 22	31 8	10·0	1012·6	1013·8	+4·3	..	285·2	11th	277·6	273·7	24th	..	+0·4	*279·7*	61	+ 7
144																		
147	Malye Karmakouly	72 23 N.	52 43 E.	14·8	1014·3	1016·2	+8·7	..	282·3	1st	..	..	..	274·2	−0·7	*274·1*	29	− 16
148																		

SEPTEMBER—ZONE 2.

Between Latitude 70° N. and 60° N.

203	Nome	64 30 N.	165 24 W.	4·6	1007·8	1008·4	..	281·2	286·9	9th	273·1	268·0	28th	277·2	..	..	16	..
204																		
205	Tanana	65 12	152 0	?	998·3	..	..	280·2	287·4	8th	271·2	265·2	21st	275·7	..	..	33	..
206																		
207	Valdez	61 6	146 13	3·1	1001·7	1002·0	..	285·6	289·7	7th	276·1	271·9	6th	280·8	..	..	177	..
208	Eagle	64 46	141 12	248·4	975·6	1006·4	..	283·3	290·8	25th	270·2	259·7	22nd	276·8	..	..	14	− 12
209	Dawson	64 4	139 20	328	969·2	1008·7	−2·5	284·9	293·6	25th	272·1	261·3	22nd	278·5	0·0	..	30	− 11
210	Carcross	60 11	134 34	662	..	..	..	286·3	293·0	8th	275·6	266·9	2nd	280·9	..	..	33	..
211																		
212	Fort Simpson	61 52	120 43	129	996·0	?1012·0	..	..	..	..	271·4	266·9	15th	..	..	..	58	+ 33
213	Hay River	60 51	115 20	161	992·2	1012·0	..	281·8	291·3	25th	274·7	268·0	11th	278·3	−2·2	..	72	..
214	Fort Resolution	61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	68	..
225																		
226	Jacobshavn	69 13	51 2	12·6	1004·4	1005·9	−1·2	279·2	291·1	5th	273·2	267·4	24th	276·2	+0·8	*276·1*	57	+ 22
229	Godthaab	64 11	51 44	9·0	1002·2	1003·3	−2·4	280·1	288·8	5th	274·6	270·4	11th	277·4	+0·3	*276·6*	114	+ 26
230	Angmagsalik	65 37	37 34	31·7	1005·2	1009·1	+3·7	281·1	286·1	23rd	274·8	270·9	8th	278·0	..	*277·6*	188	..
231																		
232	Stykkisholm	66 5	22 46	11·3	1011·4	1012·8	+6·5	283·0	289·9	5th	278·6	271·5	15th	280·8	+0·8	*281·0*	54	− 22
233	Vestmanno	63 26	20 15	7·7	1009·1	1009·9	+3·6	283·1	285·9	4th	278·0	271·7	16th	280·6	−0·6	*280·5*	131	− 15
234	Grimsey (Akureyri)	66 33	17 58	22·0	1011·8	1014·4	+6·9	283·1	290·0	5th	276·5	273·2	12th	279·8	+1·4	*280·0*	1	− 41
235	Berufjord	64 40	14 19	18·0	1010·7	1012·9	+5·6	283·9	289·8	4th	276·9	272·0	16th	280·4	+0·7	*280·3*	96	− 13
236	Thorshavn	62 3	6 45	25·7	1013·8	1016·9	+7·8	284·4	286·8	4th, 6th	280·2	275·3	18th	282·3	+0·2	*282·4*	84	− 5
	Lerwick	60 9	W 1 8	18·0	1015·2	1017·4	+7·0	285·6	288·0	26th	282·4	278·6	5th	284·0	+0·7	*283·8*	53	..
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1012·6	1018·0	+6·8	..	294·5	15th	282·1	279·4	24th	..	+0·5	*285·0*	91	−139
239	Christiansund	63 7	7 45	17·8	1015·9	1018·1	+7·8	..	290·0	25th	281·2	279·1	21st	..	−0·5	*283·3*	48	− 85
240	Trondhjem	63 26	10 25	39·5	1014·0	1018·8	+8·3	..	292·2	12th	279·8	275·1	23rd	..	−0·2	*282·8*	28	− 59
241	Bodö	67 17	14 24	20·5	1015·1	1017·6	+8·2	..	286·4	12th	278·8	274·0	22nd	..	−0·7	*281·3*	61	− 54
242	Haparanda	65 50	24 9	9·2	1015·9	1017·0	+6·6	285·9	290·5	1st	275·5	268·0	25th	280·7	+0·6	*281·2*	29	− 26
	Helsingfors	60 10	24 57	11·7	..	1019·0	+6·5	..	295	..	..	275	..	284·7	+0·8	*284·6*	19	− 41
2420																		
243	Kuopio	62 54	27 40	99·7	..	1019·2	+6·2	..	296	..	..	272	..	283·4	+1·1	*283·3*	6	..
244	Kola	68 53	33 1	6·7	1014·3	1015·1	+6·0	282·4	293·1	1st	275·1	270·5	16th	278·8	−0·2	*278·9*	40	+ 14
245	Petrozavodsk	61 47	34 23	38·9	..	1017·9	+5·6	..	299·2	1st	..	273	..	284·0	+1·8	*283·9*	..	..
246	Arkhangelsk	64 33	40 32	6·7	..	1015·6	+4·7	..	295	..	..	273	..	281·8	+0·4	*281·6*	67	+ 16
247	Velsk	61 5	42 7	? 83	1006·2	1016·4	..	286·4	300·5	2nd	278·1	270·1	26th	282·3	..	*282·0*	49	..
248	Oust-Tsylma	65 27	52 10	? 25	..	1012·8	+1·8	..	294	..	..	269	..	279·0	−0·1	*278·8*	..	..
	Troitsko-Petcherskoe	62 42	56 13	? 123	997·9	1013·1	..	..	295·6	2nd	274·3	261·8	29th	278·9	..	*278·7*	53	..
249																		
250	Berezov	63 56	65 4	39·9	1006·0	1010·9	−0·2	..	289·2	3rd	273·9	265·9	28th	278·0	0·0	*277·8*	52	+ 13
251	Obdorsk	66 31	66 35	23·7	1007·0	1009·9	+0·3	..	288·2	3rd	274·3	266·8	28th	277·3	−0·7	*277·1*	66	+ 23
252	Sourgout	61 15	73 24	? 40	1006·2	1011·1	−0·2	..	290·1	18th	275·9	266·0	28th	279·1	−1·7	*278·9*	47	− 10
253																		
254	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Dondinka	69 7	87 0	? 20	1005·8	1008·2	..	..	288·7	12th	272·6	258·8	30th	275·8	..	*275·7*	27	..
261																		
262	Olekminsk	60 22	120 26	? 135	996·3	1012·8	−3·5	..	291·4	6th	275·4	265·0	29th	280·1	+0·2	*280·0*	23	..
263	Iakoutsk	62 1	129 43	? 108	999·4	1012·7	−1·6	..	292·1	1st, 2nd	274·3	264·0	24th	279·6	+0·9	*279·5*	13	− 13
264	Verkhoiansk	67 33	133 24	? 100	999·0	1011·5	+2·3	..	290·4	5th	269·8	257·6	30th	275·7	+0·1	*275·6*	9	+ 1
	Oust-Maïskoe	60 25	134 29	? 100	..	..	..	..	290·5	..	274·4	263·0	..	280·4	..	*280·3*	11	..
272																		
	Novo-Mariinskii Post	64 45 N. ° ′	177 33 E. ° ′	5·2 metres.	.. mb.	.. mb.	.. mb.	.. a.	.. a.	..	.. a.	.. a.	..	.. a.	.. a.	.. a.	.. mm.	.. mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

SEPTEMBER—ZONE 3. Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1009·1	..	283·9	288·6	1st	278·2	271·9	27th	281·1	..	..	215	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	1003·4	1006·8	−3·7	287·4	291·3	24th	280·1	272·4	1st	283·7	+0·1	..	256	−42
310	Prince Rupert	54 18	130 18	52	..	1010·8	..	287·3	294·1	25th	282·4	279·1	23rd	284·8	..	..	349	+48
311	Barkerville	53 2	121 35	1274	..	1015·6	..	284·9	289·7	12th	274·1	270·8	1st, 23rd	279·5	−0·9	*279·4*	152	−43
312	Kamloops	50 41	120 29	380	..	1014·2	−1·7	294·8	300·8	27th	280·6	275·2	10th, 24th	287·7	+0·2	*287·5*	12	−9
313	Calgary	51 2	114 2	1033	..	1012·8	−1·1	294·5	301·9	8th	277·1	271·9	7th, 24th	285·8	+2·7	*285·8*	22	−8
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	+28
315	Prince Albert	53 10	106 0	437	..	1012·8	+1·6	292·7	302·2	4th	277·2	271·3	21st	284·9	+2·0	*284·9*	64	−15
316	Qu'Appelle	50 30	103 47	645	..	1014·9	+1·4	292·9	303·0	5th	278·0	270·2	25th	285·4	+1·3	*285·0*	29	−14
317	Minnedosa	50 15	99 50	518	..	1016·6	..	292·3	304·4	5th	277·5	268·0	21st	284·9	+0·7	*284·1*	24	..
318	Berens River	52 18	97 23	216	..	..	..	..	..	..	..	..	..	..	..	..	..	..
318*a*	York Factory	57 0	92 28	11	1012·6	1013·9	+1·1	..	..	..	274·1	266·3	27th	..	..	..	..	..
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	1016·4	1017·5	..	289·6	300·8	7th	277·7	270·8	27th, 30th	283·7	−0·2	..	60	−15
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1009·4	..	..	284·2	293·0	20th	275·5	269·7	30th	279·8	..	..	102	..
326	Point Riche	50 42	57 25	10·7	..	..	..	..	294·1	..	..	277·4	..	284·4	+0·5	..	?	−94
327	Belle Isle	51 53	55 23	133	997·2	1013·7	+0·9	279·4	288·0	26th	275·1	271·3	21st	277·3	−3·5	..	28	..
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1011·9	1013·6	−1·5	289·9	293·0	29th	284·4	279·1	18th	287·2	+0·5	287·3	139	+33
335	Aberdeen	57 10	2 6	27·4	1013·6	1016·9	+4·1	286·9	291·3	11th	282·7	278·6	9th	284·8	+0·2	284·9	53	−23
336	Greenwich	51 28	W o 0	48·5	1009·1	1014·9	−1·0	292·9	298·0	26th	283·1	278·6	19th	288·0	+1·1	287·3	32	−23
337	Uccle	50 48	E 4 22	100	1003·6	1015·7	−0·7	293·1	295·8	3rd	282·8	279·4	11th	288·0	+0·1	287·4	37	−46
338	De Bilt	52 6	5 11	3·0	1015·8	1016·2	−0·2	292·6	296·4	9th	282·3	277·7	9th	287·5	+1	286·8	13	−3
338*a*	Hamburg	53 33	9 59	26·0	1014·7	1017·8	+2·0	291·4	296·0	14th	283·8	279·8	23rd	287·6	+0·2	*287·3*	47	−3
339	Copenhagen	55 41	12 36	5·0	1018·2	1018·8	+4·0	289·0	292·4	2nd	284·2	281·2	22nd, 23rd	286·6	+0·7	*286·6*	40	−29
340	Potsdam	52 23	13 4	84·9	1007·3	1017·6	+1·1	291·9	298·1	2nd	282·1	277·6	24th	287·0	+0·2	286·3	18	−59
340*a*	Upsala	59 51	17 38	24·0	1016·4	1019·3	+7·2	289·1	297·2	1st	279·0	270·9	24th	284·1	+0·4	283·9	79	+20
341	Warsaw	52 15	21 1	120	..	1017·0	+0·5	..	298	..	..	276	..	286·5	−0·1	*286·5*	40	−50
342	Jurjev	58 23	26 43	74·5	..	1018·3	+4·9	..	297	..	..	271	..	284·6	+0·6	*284·5*		
343	Petrograd	59 56	30 16	4·8	..	1018·2	+5·5	..	298	..	..	274	..	284·8	+1·1	*284·8*	34	−48
344	Kiev	50 27	30 30	182·9	..	1015·8	−1·1	..	302	..	..	275	..	287·3	+0·4	*287·1*	38	−7
344*a*	Moscow	55 45	37 34	156	..	1016·6	+1·5	..	299	..	..	270	..	284·9	+0·8	*284·9*	35	+3
345	Saratov	51 32	46 3	59·9	..	1017·8	+1·4	..	304	..	..	275	..	289·0	+1·7	*288·8*	37	+3
346	Kazan	55 47	49 8	79·8	..	1016·7	+1·5	..	301	..	..	271	..	285·9	+1·9	*285·8*	12	−38
347	Orenburg	51 45	55 6	114·1	..	1019·5	+1·7	..	303	..	..	271	..	287·0	+0·8	*286·8*	38	+31
348	Perm	58 1	56 15	163·0	..	1014·6	+2·1	..	295	..	..	269	..	282·0	0·0	*281·8*	91	+31
349	Ekaterinburg	56 50	60 38	288·9	..	1016·4	+1·8	..	297	..	..	264	..	281·4	−0·3	*281·3*	33	−4
350	Tobolsk	58 12	68 14	108·3	1001·2	1014·5	..	..	293·4	17th	276·8	267·3	28th	281·1	−1·0	*280·9*	47	+28
351	Akmolinsk	51 12	71 23	? 347	976·4	1017·8	−0·2	..	302·6	9th	276·4	266·0	27th	284·1	−0·4	*283·9*	3	−28
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	35	−25
353	Barnaoul	53 20	83 47	162·2	997·5	1017·3	−0·2	..	297·3	10th	275·9	267·9	30th	281·8	−1·3	*281·6*	47	+19
354	Tomsk	56 30	84 58	121·6	999·2	1014·1	−2·1	..	295·0	21st	276·8	269·7	26th	280·6	−1·4	*280·4*	53	..
355	Minousinsk	53 43	91 41	? 245	986·8	1016·4	..	..	297·8	25th	276·7	269·5	30th	281·8	..	*281·6*	40	+12
356	Eniseisk	58 27	92 11	84·4	1003·1	1013·5	−3·7	..	292·4	19th	276·3	269·2	30th	280·2	−1·1	*280·0*	44	+7
357	Irkutsk	52 16	104 19	467·0	960·0	1015·9	−3·2	..	293·9	23rd, 26th	274·3	269·2	10th	280·3	−2·4	*280·2*	47	..
358	Kirensk	57 47	108 7	? 263	983·0	1014·9	..	..	294·3	2nd	275·2	267·4	30th	280·5	..	*280·4*	63	−28
359	Tchita	52 2	113 30	663·7	934·0	1011·6	..	..	294·2	2nd	274·7	270·0	30th	281·2	..	..	41	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	954·8	1013·3	..	..	291·4	3rd	273·8	265·7	30th	279·0	..	*278·9*	49	−28
360*a*	Nertchinsk	51 59	116 35	484·3	953·1	1010·0	..	..	295·1	24th	276·1	269·5	21st	283·1	+2·4	*283·1*	24	..
361	Tygan Ourkan	54 5	124 46	? 359	968·3	1011·0	..	289·4	295·4	29th	274·4	267·9	18th	281·9	..	*280·9*	61	..
362	Blagoveshchensk	50 15	127 38	133·6	994·6	1010·6	..	..	294·9	2nd, 29th	280·1	274·7	18th	284·7	+0·6	*284·6*	108	..
363	Paikanskii Sklad	50 11	130 7	? 145	..	..	..	..	295·7	27th	277·0	270·7	18th	283·9	..	*283·8*	?101	−18
364																		−53
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1009·0	1011·6	−0·3	..	291·3	27th	278·3	271·6	14th	282·6	−0·6	*282·5*	49	..
366	Okhotsk	59 21	143 17	6·0	1012·3	1013·0	+1·8	285·4	289·8	4th	277·4	272·2	23rd	281·4	−0·1	*281·3*	21	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	1000·7	1011·3	0·0	284·0	288·3	28th	279·3	275·3	26th	281·7	−2·1	..	148	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N. SEPTEMBER—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	..	1016·9	+0·7	291·3	294·7	20th	282·0	278·3	30th	286·7	0·0	286·3	50	+7
412	Portland, Oregon	45 32	122 41	46·6	1012·2	1017·6	+1·4	295·8	303·6	12th	284·1	279·7	30th	289·8	+0·9	*289·4*	66	+18
413	Macleod	49 44	113 24	954	..	..	..	294·4	305·2	9th	278·9	270·2	24th	286·7	+2·0	*286·5*	13	−15
414*a*	Helena	46 34	112 4	1253	875·4	1016·2	+1·4	294·7	303·0	4th	279·7	272·4	25th	287·3	+0·9	*287·2*	9	−18
414	Salt Lake City	40 46	111 54	1329	869·0	1015·2	+1·0	296·3	303·6	12th	284·7	275·8	23rd	290·5	−0·9	*290·7*	24	+3
415																		
416	Cheyenne	41 8	104 48	1856	816·1	1017·3	+2·7	291·9	301·3	6th	278·6	268·6	25th	285·2	−1·8	*285·1*	72	+48
416*a*	North Platte	41 8	100 45	859	919·0	1017·6	+2·7	298·0	309·1	4th	282·4	270·2	26th	290·1	−0·2	*289·9*	23	−15
417	Bismarck	46 47	100 38	510·6	957·3	1017·6	+3·7	295·8	310·8	5th	280·2	273·0	21st	288·0	+1·1	*287·9*	58	+28
418	Winnipeg	49 53	97 7	231·6	..	1016·6	+2·7	294·4	301·6	6th	279·9	267·9	22nd	286·2	+1·0	*284·9*	32	−17
	Duluth	46 47	92 6	345·1	977·3	1018·9	+3·7	289·7	299·7	2nd	280·8	270·8	22nd	285·2	−1·6	*285·1*	84	−5
419	Port Arthur	48 27	89 12	196·3	..	1018·6	+3·4	289·7	298·6	2nd	279·0	269·7	23rd	284·3	−0·2	*284·2*	98	+16
420	Chicago	41 53	87 37	250·9	989·1	1018·9	+1·7	295·2	309·1	2nd	288·0	276·3	22nd	291·6	+0·4	*291·5*	38	−38
421	Toronto	43 40	79 24	106·7	..	1020·6	+3·0	293·9	302·7	2nd	282·5	275·0	14th	288·2	−0·8	287·7	25	−56
422	New York	40 43	74 0	95·7	1009·1	1020·6	+2·0	294·7	302·4	8th	287·4	281·3	14th	291·1	−1·1	291·1	134	+43
423	St. John, N.B.	45 17	66 4	21·3	..	1020·3	+3·4	288·9	294·2	1st	282·2	275·4	30th	285·5	−1·2	*285·2*	54	−38
424	S. W. Point, Anticosti	49 24	63 35	12·2	..	1016·6	+2·7	285·2	290·8	17th	277·9	271·1	30th	281·5	−0·8	..	90	+20
425	Sable Island (Main Station)	43 57	60 6	7·6	..	1020·6	..	290·6	293·6	2, 8, 10	285·1	281·7	28th, 29th	287·8	−0·6	..	78	−9
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1015·9	+0·3	289·8	297·4	1st	281·3	273·6	22nd	285·6	+0·5	..	64	−23
435	Madrid																	
436	Nantes	40 24	3 41	655·4	939·9	1014·7	−2·1	298·6	305·7	2nd	282·9	277·7	15th, 16th	290·8	−2·4	289·8	41	+8
		47 15	W 1 34	41·4	1009·0	1013·9	−4·0	295·2	301·1	3rd	284·4	280·1	12th, 18th	289·8	−0·1	*289·3*	54	+7
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1009·0	1015·0	−2·2	293·7	298·5	3rd	283·4	279·0	12th	288·5	+0·1	*287·8*	47	−3
438*a*	Marseilles	43 18	5 23	75·0	1005·2	1014·1	−2·1	297·1	301·8	3rd	286·7	281·0	22nd	291·9	−0·5	*291·4*	162	+111
439	Zurich	47 23	8 33	493·2	959·0	1016·8	−2·2	..	299·3	3rd	..	279·8	12th	..	−1·0	286·2	105	−5
440	Vienna	41 54	12 29	63·4	..	1015·0	−1·7	299·8	306	3rd	290·1	284	27th, 29th	295·0	+1·0	*294·8*	44	−27
440*a*	Buda-Pesth	48 15	16 22	202·5	991·8	1015·9	−1·5	290·5	297·1	1st	284·8	279·8	13th	289·7	+0·1	*289·1*	62	+9
441	Bucharest	47 30	19 2	129·6	1001·2	1016·6	−0·9	294·5	301·8	18th	..	281·7	30th	290·5	−0·1	..	169	+138
442		45 25	26 6	82	1006·3	1016·0	−1·2	..	307·3									
443	Odessa (University)	46 29	30 46	65·3	..	1015·6	−2·3	294·8	301·0	2nd, 3rd	287·0	280·5	30th	290·9	+0·4	*290·4*	13	−21
444	Kharkov (University)	50 0	36 14	140	..	1016·6	−0·8	..	303	..	..	274	..	287·7	+0·2	*287·5*	67	+32
444*a*	Novorossiisk	44 40	37 49	37	..	1014·7	−2·5	..	299	..	..	278	..	292·8	+0·4	*292·6*	233	+183
445	Tiflis	41 43	44 48	409	..	1016·0	−0·4	..	305	..	..	283	..	293·8	+1·3	*293·7*	58	+7
446	Astrakhan	46 21	48 2	−14	..	1017·9	+0·3	..	303	..	..	276	..	291·4	+0·6	*291·2*	0	−13
447	Fort Alexandrovsk	44 31	50 16	24	1013·2	1016·0	−1·0	..	306·1	1st	288·7	277·2	30th	292·9	..	*292·7*	6	−9
448	Krasnovodsk	40 0	52 59	−15	..	1014·6	−1·8	..	309	..	..	289	..	297·8	+1·2	*297·7*	..	..
449	Tachkent	41 20	69 18	479·2	959·4	1014·4	−0·4	302·2	305·7	9th	283·9	278·8	30th	293·1	−0·3	*292·2*	0	−5
450	Tourgay	49 38	63 27	? 130	1003·6	1019·1	..	..	304·6	9th	281·4	271·9	26th	288·5	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	797·2	..	..	..	296·1	12th	276·8	273·1	25th	284·8	−0·8	*284·6*	28	+15
452	Vernyi	43 16	76 53	824·8	920·3	1013·9	+0·1	296·9	302·1	11th	..	..	..	288·9	+0·2	*288·7*	25	0
461	Mukden																	
462	Joshin	41 48	123 23	43·8	1007·7	1012·9	−1·1	298·3	304·1	30th	282·8	275·6	22nd	290·6	+0·5	290·2	24	−69
463	Vladivostok	40 40	129 11	4·0	1012·2	1012·7	−1·0	295·4	302·7	7th	284·9	281·5	18th	290·2	−0·5	290·1	35	−72
464		43 7	131 54	26·8	1009·8	1013·0	−1·8	293·6	298·4	8th	285·5	280·3	22nd	289·6	0·0	*289·3*	199	+129
465	Ochiai																	
466	Nemuro	47 20	142 44	6·6	1010·5	1011·3	..	288·5	293·8	6th	278·1	272·7	24th, 28th	283·3	..	283·3	142	..
		43 20	145 35	26·7	1009·6	1012·8	−1·2	289·3	293·9	7th	282·7	278·2	26th	286·0	−2·3	285·8	115	−20
		N.	E.															

Between Latitude 40° N. and 30° N. SEPTEMBER—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1008·1	1013·5	−0·3	295·8	311·3	16th	286·3	284·1	13th	291·1	+2·9	*290·4*	0	−8
512	San Luis Obispo	35 18	120 39	61·3	1006·4	1013·9	+0·3	300·2	315·8	17th	284·7	280·2	10th	292·4	+3·1	*291·8*	2	−10
513	Modena																	
514	San Diego	37 48	113 54	1670	835·4	1014·5	+1·4	296·9	303·0	18th	280·2	270·2	24th	288·4	−0·3	*288·3*	25	−3
515	Santa Fé	32 43	117 10	26·5	1008·4	1011·5	..	298·0	316·3	17th	280·8	280·9	25th	294·3	+1·9	*294·1*	1	0
516	Denver	35 41	105 57	2138	790·3	1014·2	+0·7	293·6	300·2	19th	280·8	273·0	25th	287·0	−1·9	*286·9*	39	−3
517	Abilene	39 45	105 0	1613	840·1	1016·9	+2·4	295·2	304·1	6th	281·3	271·9	24th	288·1	−1·9	287·9	67	+46
518	Saint Louis	32 23	99 40	529·6	954·6	1015·2	+0·7	301·9	310·2	19th	289·7	281·3	21st	295·6	−0·8	*295·4*	112	+33
		38 38	90 12	172·8	996·9	1017·6	+0·3	298·6	310·2	1st	289·7	278·6	22nd	294·1	−0·1	*293·9*	114	+41
519	Mobile																	
520	Nashville	30 41	88 2	17·4	1014·2	1016·2	+0·3	301·3	307·4	3rd	294·1	284·7	22nd	297·8	+0·1	*297·4*	394	+267
521	Charleston	36 10	86 47	166·4	999·0	1018·6	+0·7	300·8	310·2	3rd	290·2	279·1	22nd	295·3	+0·4	*295·1*	45	−48
522	Washington	32 47	79 56	14·6	1016·9	1018·6	+1·4	300·8	305·2	2nd	293·0	284·7	22nd	296·9	−0·7	*296·6*	184	+46
523		38 54	77 3	34·1	1016·2	1020·3	+1·7	298·0	306·9	7th	287·4	277·4	23rd	292·7	−0·4	*292·5*	61	−30
524	Bermuda	32 17	64 46	46·0	1013·6	1019·0	+1·7	300·8	302·8	22nd	294·7	292·7	18th	297·8	−0·7	*298·6*	47	−86
531	Horta																	
532	Ponta Delgada	38 32	28 38	30	..	1021·5	+0·7	297·1	300	5th, 6th	291·6	289	24th	294·4	+0·2	..	29	−33
533	Madeira (Funchal)	37 44	25 40	17	..	1020·2	−0·4	295·7	299	6th	290·9	287	26th, 27th	293·3	−0·7	..	41	−25
534	Lisbon	32 37	16 54	25	1015·6	1018·6	−0·1	?294·2	?296·0	4th	?289·0	?286·8	30th	?291·6	?−1·9	..	93	+74
535	Casablanca	38 43	9 9	95·4	1003·3	1014·6	−2·6	295·8	300·4	21st	289·2	285·7	19th	292·5	−0·9	*292·1*	45	+8
536	Gibraltar	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		36 6	5 21	16·2	1014·0	1015·9	−0·1	296·7	302·4	5th	289·6	286·3	19th, 20th	293·2	−2·2	*292·7*	55	+18
		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

SEPTEMBER—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level at Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1007·0	1011·4	−4·9	300·6	306·5	2nd	293·5	289·7	19th	297·1	−0·6	*296·2*	2	−22
538	Palma	39 33	2 42	..	..	1015·0	−2·8	299·9	305	sev. dates	292·8	288	4th, 20th	296·4	+1·0	..	54	+12
538a	Tunis	36 48	10 10	43	1012·3	1017·3	+0·7	304·4	316·7	2nd	292·8	285·0	28th	298·6	+1·3	..	0	−21
539	Malta	35 54	14 31	59	..	1017·2	−0·7	301·8	309	11th, 13th	296·3	292	21st	299·0	+1·7	..	0	−35
540	Catania	37 30	15 3	64·9	..	1017·1	+0·7	301·5	311·3	13th	294·1	287·7	28th	297·8	+1·3	..	28	−21
541	Athens	37 58	23 43	107·1	..	1015·5	+0·1	302·0	309	19th	293·1	287	25th, 26th	297·6	+0·7	*297·1*	108	+91
542	Alexandria	31 9	29 54	32·0	..	1014·2	+0·3	303·0	305	15th, 19th	295·9	292	29th	299·4	+0·5	*298·8*	0	−1
543	Cairo (Helwan)	29 52	31 20	115·6	..	1013·4	−0·1	305·8	311	15th	292·6	291	19th	299·2	+0·4	*299·0*	0	[illegible]
544	Nicosia	35 12	33 24	22·1	..	1011·2	−0·6	307·6	314	15th	290·0	284	30th	298·8	+0·2	*298·5*	1	−4
544a	Beirut	33 54	35 28	52·4	..	1011·9	+0·3	302·7	310	19th	296·0	292	25th	299·4	+0·3	..	4	−3
545	Baghdad	33 21	44 28	38·7	1003·7	1008·2	−0·1	313·7	318·0	6th	295·5	290·6	27th	304·6	+1·2	..	0	0
546	Lenkoran	38 46	48 52	−19	1017·1	1014·9	−1·1	..	303·2	8th	291·1	285·6	13th	295·7	+0·9	*295·6*	69	−139
547	Busrah	30 31	47 53	7·6	1006·3	1007·4	+0·4	313·8	317·6	9th, 10th	297·8	294·7	16th	305·8	+2·0	..	0	−5
548	Meshed	36 16	59 35	946	908·3	1011·9	..	303·5	308·9	12th	282·4	278·3	24th	293·0	+1·7	..	0	−1
549	Quetta	30 11	67 3	1677	832·7	..	+0·9	302·7	306·1	5th	282·2	278·2	25th, 30th	292·4	−0·3	*292·2*	0	−2
550																		
551	Lahore	31 34	74 20	214	981·8	1005·8	+0·8	310·2	312·4	4 dates	295·2	290·6	29th	302·7	−0·2	*302·1*	7	−56
551a	Simla	31 7	77 8	2204·8	781·6	..	+1·1	292·4	293·9	7th	286·7	285·4	12th	289·6	+0·3	*289·4*	47	−98
552	Leh	34 10	77 42	3503	667·7	..	+0·6	292·3	295·7	6th	276·9	274·2	27th	284·6	−1·6	*283·4*	0	−7
552a	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	10	−230
559	Hang Kow	30 35	114 17	37·0	1008·7	1012·9	−0·4	302·7	306·4	11th	293·9	288·2	21st	298·3	+0·7	*297·8*	13	−44
560	Tiensin	39 10	117 10	5·0	1013·1	1013·7	−1·4	300·7	303·9	24th	289·7	285·2	20th	295·2	+0·9	..	23	−30
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1011·9	+0·3	301·1	305·5	19th	291·4	285·6	22nd	296·2	−0·7	295·1	109	−5
562	Jinsen (Chemulpo)	37 29	126 32	67·6	1006·1	1014·0	+1·5	297·6	301·6	10th	289·2	286·5	15th	293·4	0·0	293·0	25	−100
562a	Nagasaki	32 44	129 52	133·0	997·1	1012·6	+1·2	299·2	303·4	9th	291·7	288·4	22nd	295·5	−1·6	295·0	214	+33
563	Kioto	35 1	135 44	42·9	1008·5	1013·5	+1·1	300·0	303·2	9th	287·1	280·9	25th	293·5	−2·5	292·8	76	−110
564	Tokio	35 41	139 45	21·3	1010·7	1013·3	+0·3	297·5	301·5	20th	289·6	285·7	25th	293·5	−2·0	293·0	262	+59
565	Miyako	39 38	141 59	30·4	1009·8	1013·4	−0·2	295·0	298·6	17th	285·3	280·2	26th	290·2	−2·3	289·3	123	−102
566		N.	E.															

SEPTEMBER—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level at Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1014·5	1015·9	−0·5	301·7	303·0	sev. dates	296·1	294·1	2nd	298·9	+0·3	..	21	−18
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1798·6	822·1	..	−1·0	297·6	301·1	2nd	288·5	284·2	22nd	293·1	0·0	..	229	+113
617	Galveston	29 18	94 50	16·5	1012·5	1014·5	−0·7	300·8	305·8	4th	295·2	289·7	21st	297·9	−1·4	*297·8*	474	+338
618	New Orleans	29 58	90 4	15·5	1013·5	1015·2	0·0	301·9	306·9	3rd	295·2	288·0	22nd	298·6	0·0	*298·2*	301	+178
619	Havana	23 8	82 22	24·3	..	1014·8	+1·7	302·5	305·1	14th	296·3	295·0	26th	299·4	−0·6	*299·1*	159	+4
620	Key West	24 33	81 48	6·7	1013·9	1014·5	+0·7	303·0	304·7	1st	298·0	294·7	5th	300·5	−0·6	*300·7*	158	−15
621	Nassau, Bahamas	25 5	77 21	7·6	..	1015·3	+0·8	303·4	304·9	22nd	297·3	294·9	16th	300·4	0·0	..	154	−53
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
634	Las Palmas, Canary Islands	28 7	W 15 26	7	1016·9	1017·7	+0·1	299·8	302·4	4th	291·7	288·0	18th	295·8	−0·4	..	1	−6
637	Insalah	27 17	E 2 27	330	..	..	..	316·4	319·7	8th	297·2	..	..	306·8	+0·9	*306·9*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1014·6	0·0	308·8	312	3rd	296·0	294	28th	302·4	+0·2	*302·4*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1010·7	−0·1	312·9	318	15th	297·0	291	18th	305·0	+1·4	*305·1*	..	..
643	Suez	29 57	32 32	3·4	..	1013·0	+1·1	308·0	311	15th, 16th	292·1	291	sev. dates	300·0	0·0	..	0	..
644	Aswan	24 2	32 53	99·6	..	1009·8	−0·1	313·6	317	15, 20, 21	295·6	292	30th	304·6	+0·3	*306·0*	..	0
647	Bushire	28 59	50 53	4	1006·2	1006·9	+1·0	307·3	309·3	8th	298·9	296·6	24th	303·1	−0·3	..	0	0
648	Jask	25 44	57 47	4	1006·6	1007·1	+0·9	307·8	310·4	7, 8, 21	300·3	297·3	4th	304·1	+0·4	..	0	[illegible]
649	Kurrachee	24 53	66 57	4	1007·6	1008·1	+1·0	302·6	303·8	4 dates	297·2	294·9	22nd	299·9	−0·1	*299·4*	0	−11
650	Hyderabad, Sind	25 24	68 18	29	1003·3	1006·5	+1·4	307·1	311·8	29th	296·8	294·8	26th	302·0	−1·5	..	88	+70
651	Jaipur	26 56	75 52	436	959·0	1007·0	+0·6	309·3	312·6	28th, 30th	296·4	293·1	30th	302·8	+1·0	*302·0*	33	−54
652	Nagpur	21 8	79 5	310	972·9	1007·4	+1·3	306·2	309·4	28th, 30th	295·9	294·3	23rd	301·1	+0·5	*300·4*	60	−157
653	Allahabad	25 25	81 51	94	995·2	1005·7	+0·5	307·9	311·9	28th	296·9	293·3	27th	302·4	+0·4	*301·7*	74	−65
654	Calcutta	22 36	88 23	6	1005·3	1005·9	+0·2	304·9	307·2	23rd	299·2	297·7	29th	302·1	+0·8	*301·9*	144	−119
655	Gauhati	26 8	91 41	59	1000·9	1007·5	..	305·2	307·9	4th	297·3	295·6	25th, 30th	301·2	..	..	154	−2
655a	Cherrapunji	25 15	91 42	1314	870·2	..	..	295·8	300·1	3rd	290·6	288·1	24th	293·2	..	..	1017	+127
656	Shillong	25 33	91 48	1500	848·4	..	..	296·5	299·6	3rd, 4th	289·3	285·1	24th	292·9	..	..	203	−70
656a	Akyab	20 11	92 56	6	1007·4	1008·1	+0·3	303·5	305·4	28th	297·8	295·8	18th	300·7	−0·3	*300·6*	734	+182
657	Phu Lien	20 48	106 37	115·6	994·4	1007·6	0·0	304·9	310·4	9th	297·2	293·6	21st	301·0	+0·6	*300·3*	154	−132
658	Moncay	21 31	107 51	9	1006·4	1007·4	−0·1	305·0	308·0	5th, 11th	295·8	291·7	22nd	300·4	−0·1	*299·7*	232	−128
659																		
660	Hong Kong	22 18	114 10	33·2	1003·4	1007·2	−1·3	302·3	305·7	9th	297·8	294·9	21st	300·1	0·0	299·9	370	+124
661	Taihoku, Formosa	25 2	121 31	9·3	1007·5	1008·5	−0·9	304·1	306·7	17th	296·5	294·8	23rd	300·3	+0·5	299·7	119	−145
662	Naha	26 13	127 41	10·5	1008·6	1009·8	+0·8	304·3	306·1	18th	297·2	293·2	23rd	300·8	+0·6	300·2	209	+17
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

SEPTEMBER—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	19 26	99 8	2280	779·4	..	−0·5	294·3	297·0	25th	285·4	282·1	21st	289·9	+1·2	289·1	134	+34
718a	Oaxaca	17 4	96 44	1563	845·4	..	..	299·3	301·8	3rd, 4th	288·1	286·3	1st	293·7	..	*293·0*	197	..
719	Belize	19 29	88 12	1·9	..	..	..	304·0	306·9	27th	298·1	290·8	14th	301·1	−1·0	*299·8*	344	+106
720	San Salvador	13 44	89 9	657	938·6	1012·1	+1·5	..	304·6	..	..	289·0	..	296·0	+0·4	..	287	−5
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1012·6	+0·4	303·4	304·8	18th	295·9	294·8	13th	299·7	−0·2	*299·7*	84	−107
722	Port au Prince	18 34	72 22	37·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	1012·3	1013·0	..	303·5	305·1	5th	298·1	296·0	20th	300·8	..	..	103	..
724	Grenada (Richmond Hill)	12 3	61 45	155·1	993·6	1011·5	−0·4	302·4	304·7	6th	297·2	294·7	22nd	299·8	0·0	*299·2*	230	+30
725	Barbados	13 8	59 36	55·2	..	1010·6	−0·2	303·1	303·9	5th, 6th	296·1	294·3	23rd	299·6	−0·3	*299·5*	98	−74
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1012·8	1014·0	+1·0	299·8	303·0	13th	293·6	292·6	9th, 21st	296·7	−2·8	..	0	−70
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·0	1014·9	..	302·6	304·4	23rd	297·9	296·3	30th	300·2	+0·5	..	14	−85
733	Bathurst	13 24	16 36	1·5	1013·2	1013·4	+0·9	304·1	308·0	7, 13, 27	294·9	292·4	15th	299·5	−0·1	*300·8*	177	−73
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
735	Ségou	13 34	6 17	? 272	..	..	..	..	..	..	294·7	292·0	9th	..	..	..	54	..
736	Timbouctoo	16 43	W 2 52	250	980·8	1008·4	−1·1	316·1	319·0	16th	297·3	293·5	14th	306·7	+0·9	*305·7*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	307·4	309·7	9, 21, 30	295·4	291·3	2nd	301·4	+1·0	..	93	−2
738	Kontagora	10 24	5 24	400	..	..	..	303·6	306·3	21st, 25th	293·5	291·9	1st	298·6	+0·3	..	192	−121
739	Maiduguri	11 48	13 12	370	..	..	..	309·3	313·6	30th	295·7	294·1	12, 18, 26	302·5	+1·5	..	93	−28
740	Katagum	12 17	10 22	30·7	..	..	..	308·4	313·0	30th	295·9	291·3	17th	302·2	+1·4	..	42	−30
742	Kadugli	11 2	29 45	503	..	..	..	306·6	310·5	28th, 30th	293·2	291·2	29th	299·9	..	..	123	..
743	El Obeid	13 11	30 14	585	..	1012·0	−0·1	308·7	312	30th	294·5	292	24th	301·6	+0·8	*301·7*	57	−38
744	Khartoum	15 37	32 33	390	..	1008·8	0·0	312·9	316	23rd	298·9	295	6th	305·9	+0·7	*306·0*	22	+7
746	Aden	12 45	45 3	28·7	1006·2	1009·4	+1·6	306·6	309·2	9th, 12th	300·9	298·5	29th	303·8	−0·3	*303·4*	0	−4
751	Bombay	18 54	72 49	11·3	1009·2	1010·3	+0·9	302·7	304·3	29th	298·0	297·1	13th, 27th	300·3	+0·4	*299·7*	146	−129
752	Mysore	12 18	76 40	768	926·4	1010·9	+0·4	302·6	304·6	10th, 18th	292·2	290·6	15th	297·4	+0·2	*296·4*	187	+70
752a	Kodaikanal	10 13	77 28	2343	770·8	..	+0·1	291·3	293·8	20th	284·1	282·4	10th	287·7	+0·4	*287·0*	167	+1
753	Madras	13 4	80 14	6·7	1007·9	1008·6	+0·2	308·2	311·9	2nd	298·6	295·8	25th	303·4	+0·9	302·2	76	−54
754	Waltair	17 45	83 16	68·9	999·5	1007·2	+1·3	305·1	307·2	6th, 23rd	299·1	296·6	24th	302·1	..	*301·5*	33	−149
755	Port Blair	11 40	92 40	17·7	1007·8	1009·7	+0·2	301·8	303·4	11th	297·5	295·8	7th	299·7	−0·5	*299·1*	580	+109
756	Rangoon	16 46	95 48	5·5	1008·7	1009·4	+0·2	303·2	305·5	28th	297·3	295·2	2nd	300·2	+0·1	*299·3*	366	−31
757	Saigon	10 46	106 42	11·2	1007·2	1008·4	+0·6	304·2	305·9	9, 11, 18	296·8	295·4	3rd	300·5	−0·3	..	250	−78
758	Nhatrang	12 16	109 12	6·8	1007·1	1007·8	+1·2	305·4	308·7	10th	296·4	295·2	2nd, 27th	301·4	+0·1	..	197	+10
759	Bolinao	16 24	119 53	9·7	..	1006·9	0·0	303·9	306·6	26th	296·9	295·5	28th	300·4	0·0	299·8	908	+385
760	Vigan	17 34	120 23	14·7	..	1006·5	−0·3	303·1	305·8	23rd	297·1	295·5	16th	300·1	−0·1	299·8	1491	+912
761	Manila	14 35	120 59	14·2	..	1007·8	+0·3	304·3	306·0	22, 23, 30	296·6	294·2	29th	300·5	−0·2	299·7	365	+6
762	Ormoc	11 0	124 36	5·6	..	1008·6	+0·6	303·6	305·8	13th	296·3	294·3	26th	300·0	+0·6	299·6	483	+174
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1007·2	..	302·6	303·9	5th, 16th	297·3	?294·3	19th	300·0	0·0	..	414	..
		N.	E.															

SEPTEMBER—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	1012·2	+0·4	306·2	309·7	15th	297·8	296·9	7, 9, 24	302·0	+1·2	*301·1*	193	+111
819	Culebra	9 10	79 40	123·1	..	1009·9	−0·1	303·0	305·8	23rd	295·2	294·1	9th	299·1	+0·5	..	268	−17
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	El Peru, Guayanavieja	7 30	62 0	? 300	..	..	..	304·1	305·2	1st, 21st	295·1	294·1	12th	299·6	..	..	90	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1014·2	1014·4	+2·4	303·7	304·7	3, 5, 19	298·1	296·3	12th	300·9	+1·0	..	109	+27
826	Paramaribo	5 49	55 9	4	1013·4	1013·8	..	304·1	306·2	18th	295·9	294·2	28th	300·0	..	*299·5*	80	+8
826a	Cayenne	4 56	52 21	6	..	..	..	305·5	307·0	7th	296·3	295·0	12th, 26th	300·9	0·0	*301·0*	17	−14
833	Conakry	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	437	−311
834	Sierra Leone	8 30	13 9	68·3	1004·9	1012·8	+0·4	302·9	306·3	8th	294·0	291·9	29th	298·4	−0·8	..	619	−127
835	Cape Coast Castle	5 5	1 13	..	..	..	..	301·3	..	..	294·4	..	..	297·9	−0·1	..	61	+34
836	Accra	5 35	W 0 6	18	..	..	..	304·8	..	..	296·6	..	..	300·7	+2·9	..	0	−23
837	Lagos	6 22	E 3 28	7·6	..	1012·5	−0·3	302·3	303·8	..	?296·5	294·3	..	?299·4	?+0·2	..	137	+7
838	Zungeru	9 48	6 10	130	..	1012·5	−0·6	303·8	306·9	21st	293·9	291·9	18th	298·9	0·0	..	169	−77
838a	Libreville	0 23	9 26	35	..	..	..	304·4	305·8	27th, 30th	291·7	291·0	11th, 16th	298·1	−0·3	..	4	−100
839	Yola	9 12	12 30	259	..	..	..	304·3	306·3	28th	294·0	290·2	13th	299·2	+0·2	..	164	−38
841	Kafia Kingi	9 22	24 18	596	946·0	..	..	..	..	..	292·6	291·5	23rd	..	..	..	87	..
842	Wau	7 42	28 3	440	..	1011·0	−0·4	307·2	311	28th	293·4	291	1st, 20th	300·3	+0·9	..	87	−42
843	Entebbe	0 5	32 29	1171	884·1	..	+0·2	299·9	303·1	29th	289·9	288·6	8th	294·9	+0·5	*294·0*	43	−32
844	Nandi	0 2	35 5	2010	..	..	..	299·8	301·9	25th	283·1	281·9	14th	291·5	+1·3	..	30	−119
845	Harrar	9 42	42 30	1856	..	..	..	297·1	300·0	27th	287·9	287·0	sev. dates	292·5	..	..	100	..
851	Cothin	10 0	76 21	2·7	1011·3	1011·6	+0·1	303·1	304·5	20th	296·7	295·9	28th, 29th	299·9	+0·5	*299·3*	152	−69
852	Colombo Observatory	6 54	79 53	7·3	1009·6	1010·4	+0·7	303·2	304·5	22nd	296·9	294·6	10th	300·1	−0·6	*299·5*	72	−17
853	Candy	7 18	80 40	504·5	..	..	..	302·2	303·8	27th	292·7	289·3	10th	297·5	+0·2	..	59	−85
855	Medan	3 35	98 41	23·5	..	1010·1	−0·3	..	..	..	..	..	..	..	..	..	187	−36
856	Kota Radja	5 32	95 20	7·1	..	1009·8	−1·0	..	..	..	..	..	..	..	..	..	150	−17
857	Penang	5 34	100 20	5·0	1007·2	1007·8	−1·2	303·3	305·8	16th	295·6	294·1	1st	299·5	−0·8	..	581	+159
858	Singapore	1 17	103 51	2·2	1010·2	1010·4	+0·5	304·3	306·6	2nd	296·6	295·2	8th	300·5	+0·2	..	225	+67
860	Sandakan	5 49	118 12	..	..	..	..	304·5	..	..	296·7	..	..	300·6	+0·2	..	176	−70
861	Tagbilaran	9 38	123 51	26·2	..	1008·6	+0·6	303·7	305·3	8th	296·2	294·5	14th	300·0	−0·9	299·5	119	−56
862	Surigao	9 48	125 29	6	..	1008·3	+0·3	305·3	308·5	4th	297·0	295·8	19th	301·2	−0·1	300·4	128	−44
863	Yap	9 29	138 8	31·9	..	1007·1	..	303·8	306·2	7th	296·9	295·1	2nd	300·4	..	..	368	..
869	Uyelang	9 42	161 2	<10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

SEPTEMBER—ZONE 9. Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
906																		
923	Manaos	3 8	59 59	44·9	1003·8	1008·9	+1·1	..	308·6	..	..	295·8	..	301·6	−1·0	..	51	+ 9
929	Quixeramobim	5 16	39 15	207·0	989·5	1013·0	+0·7	..	307·4	..	..	295·6	..	300·6	−0·3	*300·5*	3	..
930	Fernando Noronha	3 51	W32 25	95	1001·8	1012·8	+0·8	..	301·8	..	..	293·4	..	298·1	..	..	9	− 19
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	303·5	305·5	30th	291·6	291·0	7th, 19th	297·6	−0·6	..	0	..
940	Loango	4 38	11 50	7 50	..	..	..	300·3	301·5	20th	293·7	293·0	sev. dates	297·0	..	*296·3*	5	..
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	− 21
944	Nairobi	1 18	36 59	1660	..	..	..	298·0	300·2	10th	283·1	278·0	14th	290·6	+0·4	..	4	+ 12
944*a*	Zanzibar	6 10	39 11	21·9	1015·8	1018·3	+0·2	300·9	302·4	26th	296·0	295·6	22nd, 24th	298·5	+0·1	*297·5*	66	
945																		+ 19
946	Lamu	2 16	40 54	3·0	..	..	..	303·5	304·7	5th	296·4	295·2	1st	300·0	..	..	53	−158
947	Seychelles	4 37	55 27	4·6	..	1013·9	+0·7	300·6	301·5	..	297·6	295·4	..	299·1	−0·1	..	9	
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1011·3	0·0	303·0	305·3	3rd	295·8	295·1	23rd	299·4	..	298·8	472	+ 55
957	Batavia	6 11	106 50	8	1010·2	1011·1	+0·4	304·2	305·4	29th	296·3	294·8	2nd	300·3	+0·6	300·0	18	− 59
958	Pontianak	0 1	109 20	2·6	..	1011·0	+1·3	304·6	306·6	5th	295·7	293·4	13th	300·2	..	299·2	165	− 37
959	Passeroean	7 38	112 55	5·0	..	1011·4	+0·2	..	..	..	..	..	..	..	..	..	0	− 8
960	Kajoemas	7 56	114 9	950	..	..	..	297·9	300·5	27th	289·4	287·2	11th	293·7	..	292·9	0	− 14
961	Koepang	10 10	123 34	3·3	..	1012·7	+1·3	305·1	307·8	30th	293·6	290·7	16th	299·4	..	298·8	0	− 5
962	Ambon	3 42	128 10	4·2	..	1012·0	+1·0	301·5	303·5	24th	294·8	292·2	15th	298·2	−0·1	297·8	89	−127
965	Daru	9 4	143 13	8	..	1014·3	+1·9	301·2	..	..	295·4	..	..	298·3	−0·4	..	46	+ 1
966	Port Moresby	9 29	147 9	39	..	1012·8	+0·7	300·3	..	..	295·4	..	..	297·8	−1·1	..	60	+ 25
967					..	..	..	..	..	..	..	..	..	..	..	..	..	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	413	+ 72
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1009·7	1009·9	+0·4	302·6	305·2	10th	297·4	296·3	9, 23, 29	300·0	0·0	..	192	+ 5
970	Ocean Island	0 52	169 36	25·6	1005·5	1008·4	−0·2	304·7	305·8	2, 12, 30	296·9	295·2	21st	300·8	−0·1	*300·1*	142	+ 35
		° S.	° E.															

SEPTEMBER—ZONE 10. Between Latitude 10° S. and 20° S.

1001		° S.	° W.															
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1008·1	1013·5	+0·1	302·9	304·8	4th, 15th	294·8	290·5	8th	298·9	..	..	69	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	1012·8	1014·0	+0·1	297·5	299·0	sev. dates	285·6	285·0	sev. dates	291·6	+1·5	*290·2*	0	..
1022	Arequipa	16 22	71 33	2451	761·9	..	−0·2	292·8	296·9	20th	281·2	277·4	30th	287·0	−0·7	*286·3*	0	..
1023																		− 20
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	297·2	301	12th, 27th	278·9	275	30th	288·1	−2	..	2	
1025																		+ 65
1026	Cuyaba	15 36	56 0	235	992·1	1019·0	+1·0	303·7	307·5	..	296·1	291·2	..	299·9	−0·6	..	132	
1027	Bello Horizonte	19 55	43 56	857·0	919·1	1015·0	..	298·6	304·0	27th	287·8	280·2	1st	293·2	..	..	40	..
1028	Cætite	14 2	42 37	900	913·7	1013·6	..	..	304·7	..	..	287·2	..	295·2	..	..	33	..
1029	Ondina	13 12	38 30	46·6	1009·9	1015·3	..	..	304·0	..	..	291·5	..	297·7	..	..	95	..
1030	Aracaju	10 55	37 4	4·3	1014·4	1014·9	..	..	303·5	..	..	295·2	..	298·8	..	..	23	..
1035	St. Helena	15 57	W 5 40	632	947·6	1020·3	−0·6	290·7	293·0	3rd, 26th	285·0	284·1	1, 13, 15	287·8	+0·6	*287·5*	121	+ 48
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	860·1	..	−1·5	302·1	308·0	20th	284·6	279·7	5th	293·4	+1·6	..	12	+ 9
1043	Salisbury, Rhodesia	17 49	31 3	1487	858·7	..	+0·7	301·8	306·1	29th	283·1	278·2	10th	292·5	+0·7	..	5	− 3
1044	Zomba	15 23	35 18	954	909·1	1016·1	+0·2	299·8	302·4	30th	285·6	284·7	4, 5, 13	292·7	−0·9	*290·7*	7	+ 74
1045	Tamatave	18 9	49 26	4	1020·6	1021·0	+1·0	301·3	302·4	6th	294·5	293·0	19th	297·9	+2·4	..	242	+ 52
1046	Tananarivo	18 55	47 32	1400	868·3	..	+0·8	296·1	301·0	5th	283·5	280·0	28th	289·8	−1·0	289·1	50	
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1014·3	+0·1	301·1	302·4	28th	296·3	294·7	21st	298·7	−0·6	..	40	− 77
1056																		− 81
1057	Christmas Is.	10 25	105 43	5·5	1010·3	1010·9	+0·3	303·9	304·6	..	295·8	293·7	..	299·9	+0·2	..	13	
1058																		
1061	Derby	17 18	123 40	16·2	..	1015·4	+2·7	305·4	309·4	27th	290·8	284·8	4th	298·1	−1·4	..	0	− 4
1062	Hall's Creek	18 13	127 46	373·6	..	1015·4	+2·2	305·6	310·2	13th	285·8	276·9	3rd	295·7	−1·8	..	0	+ 8
1063	Port Darwin	12 28	130 51	29·6	..	1013·3	+2·0	305·0	308·6	21st	294·9	291·3	8th	299·9	−1·3	*298·8*	13	− 1
1064	Daly Waters	16 16	133 23	210·6	..	1012·8	..	307·0	310·8	14, 15, 25	289·0	284·4	8th	298·0	−1·5	*297·5*	1	− 12
1065	Mein	13 13	142 57	121·9	..	1012·6	..	304·2	306·6	14th	291·2	286·9	15th	297·7	..	..	0	− 1
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	305·1	308·1	26th	287·8	283·0	6th	296·4	..	..	0	−186
1067	Samarai	10 37	150 40	6·4	..	1010·1	−1·7	..	..	..	295·7	..	..	..	..	..	134	
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1015·7	+0·1	298·4	301·9	25th	293·1	290·8	7th, 14th	295·8	−0·8	..	213	+ 43
		° S.	° E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S. SEPTEMBER—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	297·4	299·7	14th, 22nd	290·7	286·3	4th	294·1	..	..	89	− 22
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1015·4	1018·9	..	294·1	297·1	19th	289·1	286·1	8th	291·6	..	*290·8*	96	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1014·3	1017·3	−0·1	289·4	292·0	9th	282·9	281·0	7th, 21st	286·2	+0·2	*285·8*	0	− 1
1122	Puerto de Antofagasta	23 39	70 25	5	1015·8	1016·4	+1·4	297·0	297·6	30th	284·1	283·8	6th, 22nd	290·6	+0·4	*289·7*	0	0
1125	Goya	29 9	59 15	64	1010·6	1018·3	−0·6	297·3	308·0	11th	285·2	278·8	28th	291·2	−0·4	*291·2*	36	− 26
1126	Porto Alegre	30 2	51 13	15	1016·0	1017·8	..	296·1	303·3	12th	282·5	279·2	20th	290·6	..	..	111	+ 48
1127	Curityba	25 26	49 16	908	914·1	1017·0	−1·7	294·9	301·7	..	282·5	277·3	..	288·7	+0·6	*288·2*	77	− 45
1128	Rio de Janeiro	22 54	W43 10	64	1008·6	1016·2	−1·2	297·8	306·9	..	292·4	290·2	..	295·1	+0·1	*294·7*	91	+ 25
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		− 21
1141	Johannesburg	26 11	28 4	1874	..	..	..	294·0	300·3	25th	281·2	271·9	4th	287·6	−0·4	*287·5*	10	− 13
1142	Kimberley	28 42	28 47	1202	883·6	..	−1·1	296·7	304·7	26th	280·5	272·9	3rd	288·6	−0·8	288·4	15	− 5
1142*a*	Pretoria	25 45	28 11	1338	871·4	..	−0·7	299·0	305·8	28th	282·4	276·2	4th	290·7	+0·1	..	3	− 8
1143	Durban	29 51	31 0	14·3	1017·4	1019·1	−1·9	293·2	297·4	27th	289·4	283·6	3rd	291·3	−1·5	..	49	− 34
1144	Lorenzo Marques	25 58	32 36	59	..	1018·6	−0·1	298·7	307·4	28th	288·7	282·8	6th	293·7	−0·6	293·3	9	− 20
1147	Mauritius	20 6	57 33	54·3	1013·9	1020·3	+0·4	297·6	298·8	27th	290·3	288·2	19th	293·9	−0·2	293·6	36	− 3
1148																		
1159	Onslow	21 43	114 57	4·3	..	1015·9	+1·1	301·3	306·1	29th	286·6	280·8	5th	294·0	−0·2	..	1	0
1160	Peak Hill	23 28	118 47	588·3	..	1016·0	+1·0	299·1	304·0	22nd	285·4	279·8	1st	292·2	+0·9	..	3	− 3
1161	Nullagine	21 53	120 5	385·6	..	1016·0	+1·8	303·2	308·0	13th	284·1	274·1	4th	293·6	−1·0	..	0	0
1162	Laverton	28 40	122 23	466·3	..	1016·0	+1·8	297·3	305·3	13th	282·4	276·1	1st	289·9	+0·6	..	5	− 9
1163	Alice Springs	23 38	133 37	587·0	..	1019·1	+2·8	297·3	308·8	11th	281·8	273·6	3rd	290·2	−1·5	*290·4*	4	− 7
1164	William Creek	28 55	136 21	76·2	..	1017·0	+2·0	298·6	306·9	11th	282·2	275·2	2nd	289·8	..	*289·8*	10	− 1
1165	Boulia	22 55	139 38	145·7	..	1018·6	..	297·3	308·8	11th	282·2	277·1	8th	293·5	..	..	5	− 6
1166	Mitchell	26 32	147 52	337·1	..	1016·9	..	304·8	310·7	17th	282·2	277·1	8th	293·5	..	..	5	− 6
1167	Rockhampton	23 24	150 30	11·3	..	1016·2	..	298·0	306·1	18th	278·8	269·7	2nd	288·4	..	..	21	− 13
1168	Brisbane	27 28	153 2	41·7	..	1017·3	..	301·5	305·2	15th	286·9	281·9	11th	294·2	..	..	7	− 31
1169	Noumea	22 16	166 27	9	..	1017·0	+0·1	297·7	303·9	26th	285·3	280·2	7th	291·5	+0·1	..	65	+ 12
1170	Norfolk Island	29 4	167 58	..	1010·6	1011·6	..	300·4	302·6	22nd	290·9	287·0	2nd	294·7	+1·7	..	100	+ 40
		° S.	° E.		..	..	..	..	..	..	..	..	..	..	..	..	..	..

Between Latitude 30° S. and 40° S. SEPTEMBER—ZONE 12.

1219		° S.	° W.															
1220	Juan Fernandez	33 37	78 50	10	1022·2	1023·4	+1·5	288·8	292·0	24th	283·3	280·5	11th	286·1	−0·3	..	40	− 25
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1013·2	1018·0	+0·1	290·8	299·1	24th	282·5	279·5	15th	286·7	−0·9	*285·6*	54	+ 35
1222	Santiago	33 27	70 42	520	956·6	1017·6	0·0	292·4	299·2	20th	278·8	274·0	15th	285·6	+0·5	284·8	44	+ 15
1223	Cordoba	31 25	64 12	439	1013·4	1016·4	−2·2	291·0	302·2	10th	281·4	274·7	28th	286·2	+0·2	*286·6*	107	+ 31
1224	Buenos Ayres	34 16	64 12	25·2	1015·8	1016·1	−1·0	292·0	298·6	21st	286·6	282·5	18th	289·3	+0·6	..	114	+ 2
1225	Rio Grande	32 2	52 6	2·3	..	1016·4	−0·7	..	300·3	10th	..	279·0	2nd	..	..	286·9	53	− 30
1226	Montevideo	34 55	W56 13	29·3	..	1016·4	−0·7	..	..	..	..	..	..	..	..	..	..	..
1239	Cape Town	33 56	E18 29	12	1017·6	1019·0	−0·1	291·3	297·9	16th	282·9	277·2	11th	287·1	−0·3	*285·8*	50	− 7
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	98	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	293·9	303·6	9th	281·9	276·9	13th	287·9	−0·5	..	57	+ 12
1242	East London	33 2	27 55	10·1	1019·1	1020·3	+0·7	292·5	298·6	27th	285·8	281·9	3rd	289·2	−0·4	..	160	+113
1259	Perth (Observatory)	31 57	115 51	60·0	..	1019·4	+1·5	292·9	303·4	30th	282·5	276·8	17th	287·7	+0·2	..	79	− 6
1260	Katanning	33 42	117 35	309·7	..	1018·4	+1·5	291·4	300·7	30th	279·9	275·4	25th	285·7	+0·8	..	37	− 15
1261	Coolgardie	30 57	121 10	423·3	..	1018·4	+1·4	296·0	303·3	13th	281·3	276·9	18th, 26th	288·7	+1·2	..	34	+ 17
1262	Eucla	31 45	128 58	4·6	..	1018·8	+2·1	293·2	303·8	7th	281·2	275·7	16th	287·2	−0·9	..	17	− 3
1263	Streaky Bay	32 48	134 13	13·1	..	1019·4	+2·3	293·2	301·0	9th	282·0	278·6	2nd	287·6	+0·6	..	29	− 7
1264	Adelaide	34 56	138 35	42·7	..	1018·1	+0·7	291·2	298·3	17th	281·9	279·0	1st	286·6	−0·3	*286·4*	68	+ 22
1265																		
1266	Melbourne	37 49	144 57	35·1	..	1015·8	−0·1	289·8	294·1	12th	281·1	275·6	5th	285·5	+0·3	*285·3*	35	− 25
1267	Bourke	30 13	145 58	110·1	..	1021·0	+2·4	296·2	304·1	15th	281·1	274·7	6th	288·7	−1·3	..	2	− 21
1268	Sydney	33 51	151 13	44·5	..	1016·5	+0·1	292·9	300·8	10th	284·1	279·3	2nd	288·5	+0·6	..	37	− 37
1271	Lord Howe Island	31 32	159 4	..	..	..	..	293·3	295·5	18th	287·2	283·0	8th, 16th	290·2	..	..	192	+ 55
1272	Auckland	36 50	174 50	38·1	..	..	..	288·7	290·8	6th	282·5	278·6	13th	285·6	−0·1	..	45	− 47
		° S.	° E.															

Between Latitude 40° S. and 50° S. SEPTEMBER—ZONE 13.

1301		° S.	° W.															
1302	Chatham Island	43 52	170 42	103·6	..	1022·2	+15·6	284·4	288·0	12th	278·7	274·7	13th	281·6	−0·2	..	55	+ 1
1321																		
1322	Punta Corona	41 51	73 50	25	1008·8	1011·8	− 4·8	284·4	287·5	30th	279·2	277·1	3rd	281·8	−0·1	*281·7*	209	+ 40
1323	Punta Galera	40 1	73 44	40	1013·9	1018·8	+ 1·1	285·2	287·6	6th	280·3	276·4	13th	282·8	+0·1	*282·6*	217	+ 40
1324	Bahia Blanca	38 45	W62 12	20	1014·2	1016·6	+ 0·4	293·3	305·0	20th	280·8	274·0	27th	287·1	+1·5	*286·6*	8	− 32
1365	Hobart	42 53	E147 22	53·9	..	1009·1	− 1·5	287·6	291·6	18th	278·7	273·0	11th	283·2	−0·2	*282·3*	49	− 6
1366	Launceston	41 27	147 10	9·4	..	1011·0	− 0·6	288·3	292·7	18th	278·3	271·3	11th	283·3	+0·3	..	71	− 5
1369																		
1370	Dunedin	45 52	170 31	76	..	1012·9	+ 1·5	287·4	292·4	18th	279·2	274·7	twice	283·3	+1·6	..	65	− 1
1371	Christchurch	43 32	172 38	7·6	..	1015·8	+ 3·0	288·5	294·7	19th	278·8	269·9	12th	283·7	+1·3	..	12	− 33
1372	Wellington	41 16	174 46	2·4	..	1019·7	+ 6·8	287·8	293·3	26th	282·7	277·8	4th	285·3	+1·6	..	43	− 66
		° S.	° E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

SEPTEMBER—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level at Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	994·2	1000·9	+1·0	282·6	283·6	7th, 18th	277·2	274·6	11th	279·9	+1·6	*279·2*	308	+89
1422	Puerto de Punta Arenas	53 10	70 54	4	1000·0	1000·5	−0·1	282·3	287·6	30th	276·2	272·6	13th	279·3	+1·4	*278·9*	33	− 6
1423	Punta Dungeness	52 24	68 25	5	1000·7	1001·3	−2·1	282·2	286·4	9th	276·7	272·5	12th	279·5	+2·1	*278·7*	4	..
1425	Cape Pembroke	51 41	57 42	15	1001·5	1004·0	−1·0	280·8	285·2	23, 27, 28	274·8	271·9	13th	277·8	+0·9	*277·8*	..	−13
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	15	−10
1429	S. Georgia (Cumberland Bay)	54 14	W36 34	3·7	994·9	995·4	−5·6	277·9	289·3	9th, 10th	270·4	265·9	16th	274·2	+0·5	*273·8*	76	..
1467	Macquarie Is.	54 30 S.	E158 57 E.	9	..	994·8	−0·7	277·4	280·3	26th	273·9	268·1	12th	275·7	..	*275·7*	..	..

SEPTEMBER—ZONE 15. Between Latitude 60° S. and 70° S.

		S.	W.															
1527 1528	South Orkneys	60 44 ° ′	44 39 ° ′	6·9 metres.	988·4 mb.	989·3 mb.	−3·4 mb.	.. a.	276·8 a.	..	.. a.	251·1 a.	..	.. a.	+1·1 a.	268·0 a.	46 mm.	+17 mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—SEPTEMBER 1913.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. 9 a.m.	Fanning Island. 805. 9 p.m.	Sierra Leone. 834. 9 a.m.	Sierra Leone. 834. 5 p.m.	Malden Island. 905. 9 a.m.	Malden Island. 905. 8 p.m.	Tulagi. 969. 9 a.m.	Ocean Island. 970. 9 a.m.	Ocean Island. 970. 9 p.m.	Suva, Fiji. 1072. 9 a.m.
			Direction and Force.		Direction and Force.		Direction and Force.		Direction and Force.	Direction and Force.		Direction and Force.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.
1	E by S	1·3	SE 4	SSE 4	Calm 0	W 4	..	..	SE 3	E 1	Calm 0	Calm 0
2	SSE	6·7	SSE 4	SSE 3	Calm 0	SW 6	..	..	SE 4	E 2	Calm 0	E 1
3	SSE	7·5	E 2	SSE 3	N 2	S 4	..	..	SE 4	E 1	E 1	E 1
4	SE by S	10·0	E 3	NNE 2	Calm 0	W 4	..	..	SE 3	S 2	W 3	E 2
5	SE	12·9	NE 3	SE 2	Calm 0	S 2	..	..	SE 3	SW 3	Calm 0	E 4
6	SE by S	9·6	E 2	Calm 0	Calm 0	SW 4	..	..	SE 2	NW 1	Calm 0	NE 2
7	SE	9·2	SE 3	S 2	Calm 0	Calm 0	..	..	SE 2	Calm 0	Calm 0	NE 3
8	SE by E	6·7	SE 4	S 4	N 4	S 2	..	..	ESE 2	Calm 0	S 1	NE 2
9	SE	7·1	SE 3	SE 2	Calm 0	W 4	..	..	SE 1	SSE 3	Calm 0	Calm 0
10	SE by E	8·8	SSE 2	SE 2	Calm 0	Calm 0	..	..	ESE 1	S 3	Calm 0	NE 3
11	SE	9·6	ESE 3	E 2	Calm 0	SW 6	..	..	Calm 0	NE 2	Calm 0	N 2
12	SE by S	11·7	ESE 4	E 4	SW 2	S 2	..	..	NE 2	E 1	SW 1	Calm 0
13	SE by S	7·5	ESE 3	E 4	Calm 0	Calm 0	..	..	NE 1	S 1	Calm 0	Calm 0
14	SE by S	7·1	SE 3	SE 3	Calm 0	SW 6	..	..	Calm 0	S 2	Calm 0	Calm 0
15	SE	9·2	ESE 2	Calm 0	S 2	W 4	..	..	SE 2	SE 1	Calm 0	E 4
16	SE by S	8·8	S 2	S 3	Calm 0	W 6	..	..	SE 3	N 2	Calm 0	E 3
17	SSE	9·2	S 4	Calm 0	N 2	S 2	..	..	Calm 0	NE 2	Calm 0	NE 3
18	SE by S	12·1	S 4	SW 2	N 4	Calm 0	..	..	SE 5	NE 1	Calm 0	NE 3
19	SE	7·9	SE 3	E 2	Calm 0	S 2	..	..	SE 4	SE 1	SW 2	NE 2
20	SE by E	7·9	ESE 3	SE 2	N 2	S 6	..	..	SE 5	SE 3	Calm 0	E 4
21	ESE	8·3	S 4	S 3	N 2	S 2	..	..	SE 3	E 1	Calm 0	E 2
22	SE	6·7	SE 3	ESE 3	N 2	Calm 0	..	..	SE 4	SE 2	Calm 0	SE 2
23	SE by E	10·0	ENE 3	NE 3	Calm 0	Calm 0	..	..	SE 4	SE 1	Calm 0	E 2
24	SE	7·9	ENE 2	Calm 0	Calm 0	Calm 0	..	..	SE 2	S 2	Calm 0	NE 3
25	SE by S	..	SE 3	E 2	Calm 0	Calm 0	..	..	ESE 2	SE 1	Calm 0	NE 3
26	SE by S	..	SE 3	SE 4	N 2	W 4	..	..	SE 3	E 1	Calm 0	Calm 0
27	SE by S	..	ESE 4	SE 4	N 2	W 2	..	..	SE 3	NW 1	Calm 0	SW 4
28	SE by E	..	E 4	E 4	N 4	W 2	..	..	SE 4	N 1	Calm 0	NE 2
29	..	..	E 4	E 4	Calm 0	W 2	..	..	E 2	NE 1	NE 1	E 1
30	..	..	SE 4	S 3	N 2	S 2	..	..	SSE 2	W 1	Calm 0	Calm 0
Mean for Month	..	8·5	3·2	2·5		1·1		2·6		2·6	1·4	0·3	1·9
Deviation from Normal	..	−0·5	..	..	..	..	..	..	..	..	−1·4		−0·7

* Direction and velocity in the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—SEPTEMBER 1913.

*" In the *Siberian Arctic Sea* conditions were favourable; the *Kara Sea* was ice-free." **Barents Sea.*—" No information is available."

**Spitsbergen.*—" The whole W. coast with all its bays and fiords was ice-free."

**Greenland Sea.*—" There was still much ice off Angmagsalik. The coasts of **Iceland* were ice-free, as is usual in this month."

North Atlantic and Labrador.—" There were many icebergs in *Belle Isle Strait* and E. to 47½° W. On the *Newfoundland Banks* the ice decreased considerably. The limits of the ice were 44° N., 46½° W., compared with a normal of 47° N., 48½° W., and an extreme limit (1901–16) of 43° N., 42° W."

**Davis Strait, Baffin Bay.*—" The sea was ice-free round Cape Farewell. Scattered Storis and icebergs extended from Julianehaab to Arsuk. There is normally very little ice in Davis Strait in September. *Hudson Strait* was ice-free."

**Bering Sea, Beaufort Sea.*—" No information is available."

* *Isforholdene i de arktiske Have, 1913*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, OCTOBER 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF OCTOBER 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

OCTOBER—ZONE 1. Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1006·0	1008·3	−0·9	..	..	..	267·2	260·2	31st	..	+1·0	*270·2*	19	− 7
126																		
139	Spitsbergen	78 2	E 14 14	11·4	1007·1	1008·6	−2·4	..	273·9	3rd	261·6	257·1	19th	..	..	264·4	16	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1003·6	1004·4	−2·3	..	281·1	21st	270·8	265·7	26th	..	−1·7	*273·3*	111	+ 33
142	Mehavn	71 1	27 47	6·4	1002·7	1003·5	..	..	278·6	21st	270·8	263·9	20th	..	..	*272·9*	88	− 24
143	Vardö	70 22	31 8	10·0	1002·6	1003·9	−3·3	..	278·6	1st	270·9	266·7	20th	..	−1·5	*273·0*	91	+ 25
144																		
147	Malye Karmakouly	72 23	52 43	14·8	999·6	1001·6	−5·5	..	273·5	22nd	..	..	..	265·8	−4·3	*265·7*	19	− 16
148		N.	E.															

OCTOBER—ZONE 2. Between Latitude 70° N. and 60° N.

203	Nome	64 30	165 24	4·6	1005·7	1006·4	..	274·8	279·7	sev. dates	268·7	261·9	20th	271·8	..	..	58	..
204																		
205	Tanana	65 12	152 0	?	1002·0	..	..	269·3	280·2	5th	262·2	250·2	26th	265·8	..	..	27	..
206																		
207	Valdez	61 6	146 13	3·1	1007·1	1007·4	..	279·3	284·1	4th	272·3	267·4	28th	275·8	..	..	118	..
208	Eagle	64 46	141 12	248·4	980·0	1011·5	..	271·6	282·4	3rd	261·1	249·7	17th	266·4	..	..	20	− 4
209	Dawson	64 4	139 20	328	971·9	1013·1	+3·6	271·8	285·2	1st, 2nd	263·6	250·2	28th	267·7	−2·6	..	3	− 29
210	Carcross	60 11	134 34	662	..	..	..	276·2	283·0	1st	269·2	261·9	27th	272·7	..	..	69	..
211																		
212	Fort Simpson	61 52	120 43	129	999·1	?1015·5	..	..	..	..	264·2	251·3	29th	..	..	..	9	− 24
213	Hay River	60 51	115 20	161	996·6	1017·1	..	273·3	289·1	1st	266·1	251·3	27th	269·7	−3·1	..	27	..
214	Fort Resolution	61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	39	..
225	Jacobshavn	69 13	51 2	12·6	1007·2	1008·8	+0·4	273·9	284·3	2nd	268·1	258·6	31st	271·0	+1·4	*271·1*	36	+ 14
226	Godthaab	64 11	51 44	9·0	1006·6	1007·8	+1·6	275·3	280·2	1st	270·5	264·9	29th, 30th	272·9	+0·4	*272·4*	125	+ 62
229	Angmagsalik	65 37	37 34	31·7	1005·9	1009·8	+5·9	276·0	283·9	14th	270·6	264·1	20th	273·3	..	*272·9*	88	..
230																		
231	Stykkisholm	66 5	22 46	11·3	1005·8	1007·2	+0·9	278·5	283·3	6th	274·3	267·1	21st	276·4	0·0	*276·7*	37	− 33
232	Vestmanno	63 26	20 15	7·7	1003·8	1004·6	−1·6	280·7	284·0	13th	275·6	264·9	21st	278·2	+0·4	*278·4*	59	− 76
233	Grimsey (Akureyri)	66 33	17 58	22·0	1007·1	1009·8	+2·2	277·6	283·2	2nd	273·0	263·8	22nd	275·3	+0·2	*275·8*	9	− 44
234	Berufjord	64 40	14 19	18·0	1003·8	1006·0	−0·5	279·4	284·0	6th	273·3	265·0	22nd, 23rd	276·4	+0·4	*276·5*	33	− 81
235	Thorshavn	62 3	6 45	25·7	1003·6	1006·7	−0·7	282·5	286·0	12th, 13th	277·8	269·3	23rd	280·2	+0·9	*280·1*	134	− 42
236	Lerwick	60 9	W 1 8	18·0	1006·2	1008·3	+0·6	284·3	288·0	17th	280·1	272·4	23rd	282·2	+1·6	*282·2*	75	..
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1006·2	1011·6	+0·5	..	291·6	29th	278·9	273·0	10th	..	+1·3	*281·6*	276	+ 36
238	Christiansund	63 7	7 45	17·8	1007·6	1009·8	+1·3	..	289·0	30th	278·4	272·6	10th	..	+0·4	*280·4*	288	+140
239	Trondhjem	63 26	10 25	39·5	1005·8	1010·6	+1·5	..	288·8	20th	275·5	267·8	10th	..	+0·4	*278·5*	114	+ 3
240	Bodö	63 26	10 25	20·5	1004·7	1007·2	−0·7	..	282·6	20th	274·3	267·2	25th	..	−0·5	*276·6*	145	+ 37
241	Haparanda	67 17	14 24	9·2	1006·9	1008·1	−1·9	276·4	287·0	1st	269·2	262·0	25th	272·8	−1·0	*273·3*	53	− 3
242	Helsingfors	65 50	24 9	11·7	..	1012·3	−0·1	..	286	..	..	..	26th	277·9	−0·7	*277·8*	30	− 36
242a		60 10	24 57															
243	Kuopio	62 54	27 40	99·7	..	1011·2	−0·7	..	287	..	..	..	26th	275·3	−1·1	*277·2*	34	..
244	Kola	68 53	33 1	6·7	1003·8	1004·6	−3·2	273·8	279·2	1st	268·3	254·7	28th	271·1	−1·3	*271·1*	49	+ 29
245	Petrozavodsk	61 47	34 23	38·9	..	1010·7	−2·2	..	280·6	1st, 15th	270·5	263·7	26th	274·6	−1·7	*274·5*	22	..
246	Arkhangelsk	64 33	40 32	6·7	..	1006·2	−4·6	..	278	..	..	261	..	272·4	−2·1	*272·3*	49	+ 10
247	Velsk	61 5	42 7	? 83	999·8	1010·3	..	274·9	280·6	5th	268·8	260·2	29th	271·9	..	*271·9*	30	..
248	Oust-Tsylma	65 27	52 10	? 25	..	1003·8	−9·5	..	275	..	..	252·2	..	268·5	−2·8	*268·4*	..	..
	Troitsko-Petcherskoe	62 42	56 13	? 123	991·4	1007·1	..	..	275·3	16th	263·9	251·8	22nd	268·1	..	*268·0*	28	..
249	Berezov	63 56	65 4	39·9	1000·8	1005·9	−7·5	..	275·6	19th	264·9	257·6	31st	268·3	−1·0	*268·2*	18	− 3
250	Obdorsk	66 31	66 35	23·7	1000·8	1003·7	−7·7	..	273·3	7th	263·8	255·3	31st	266·9	−3·1	*266·8*	16	+ 1
251	Sourgout	61 15	73 24	? 40	1002·7	1007·8	−7·4	..	280·3	7th	267·4	253·6	31st	270·5	−0·8	*270·4*	65	+ 36
252																		
253																		
254	Touroukhansk	65 55	87 38	? 40	..	..	..	..	273·3	29th	261·4	248·2	16th	265·4	..	*265·2*	21	..
	Doudinka	69 7	87 0	? 20	1001·6	1004·1	..											
261																		
262	Olekminsk	60 22	120 26	? 135	1002·6	1020·0	+1·1	..	279·0	12th	262·8	246·3	30th	266·9	−1·3	*266·8*	28	..
263	Iakoutsk	62 1	129 43	? 108	1005·4	1019·6	+0·8	..	274·2	2nd	259·3	242·6	29th	263·7	−0·2	*263·7*	27	+ 11
264	Verkhoiansk	67 33	133 24	? 100	1001·4	1014·8	+3·0	..	270·2	12th	251·4	241·5	29th, 30th	257·7	−0·8	*257·7*	8	+ 2
	Oust-Malskoe	60 25	134 29	? 100	..	..	..	..	273·0	..	258·3	239·8	..	262·7	..	*262·7*	10	..
272																		
	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbour	53 54	166 32	4·0	..	1007·8	..	281·1	286·3	4th	274·7	268·6	25th	277·9	..	..	185	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	1008·1	1011·5	+4·9	283·4	289·7	6th	277·1	273·6	6th	280·3	−0·3	..	421	+117
310	Prince Rupert	54 18	130 18	52	..	1014·9	..	283·1	287·4	22nd	277·6	275·2	17th, 30th	280·3	..	..	404	..
311	Barkerville	53 2	121 35	1274	..	1016·9	..	277·0	286·3	1st	269·4	261·9	30th	273·2	−2·4	*273·1*	115	+ 42
312	Kamloops	50 41	120 29	380	..	1016·9	+0·3	284·2	295·2	1st	275·9	267·4	31st	280·1	−2·1	*279·9*	26	+ 15
313	Calgary	51 2	114 2	1033	..	1015·2	+0·7	284·8	302·4	3rd	269·8	261·3	31st	277·3	−1·3	*277·2*	17	+ 4
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	..	1014·9	+1·7	280·1	293·6	1st	269·3	256·9	28th	274·7	−2·1	*274·3*	22	+ 15
316	Qu'Appelle	50 30	103 47	645	..	1014·5	0·0	279·4	295·2	2nd	269·1	253·0	28th	274·2	−2·7	*273·5*	40	− 10
317	Minnedosa	50 15	99 50	518	..	1016·6	..	279·8	298·6	2nd	268·7	255·3	29th	274·2	−3·6	*273·3*	17	..
318	Berens River	52 18	97 23	216	..	..	..	280·2	293·8	..	270·8	257·2	..	275·5	..	*274·7*	59	+ 32
318*a*	York Factory	57 0	92 28	11	1011·3	1012·7	−0·8	..	..	..	265·1	252·4	21st	..	..	..	88	..
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	1013·4	1014·5	..	281·8	291·9	7, 8, 11	272·8	258·6	30th	277·3	−0·4	..	92	+ 42
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1012·1	..	..	278·3	285·8	12th, 16th	269·8	260·8	25th	274·1	..	..	42	..
326	Point Riche	50 42	57 25	10·7	..	..	..	..	291·3	..	..	270·2	..	281·8	+3·4	..	?	..
327	Belle Isle	51 53	55 23	133	1001·6	1018·3	+5·1	277·6	284·7	4th	273·2	266·3	31st	275·4	−0·8	..	108	− 8
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1004·1	1005·8	−7·0	286·7	290·2	16th	281·4	272·4	24th	284·1	+0·4	284·4	209	+ 70
335	Aberdeen	57 10	2 6	27·4	1006·5	1009·8	−0·4	285·2	289·7	17th	280·7	273·6	23rd	282·9	+1·7	283·2	39	+ 35
336	Greenwich	51 28	W 0 0	48·5	1005·8	1011·8	−1·2	289·2	292·4	4th	280·7	275·2	23rd	285·0	+1·9	284·5	91	+ 20
337	Uccle	50 48	E 4 22	100	1001·9	1014·0	−0·5	289·6	294·8	26th	281·0	273·2	18th	285·3	+1·8	284·7	39	− 39
338	De Bilt	52 6	5 11	3·0	1013·6	1014·0	−0·1	288·6	294·5	1st	279·7	274·4	25th, 26th	284·2	+1	283·9	47	− 32
338*a*	Hamburg	53 33	9 59	26·0	1012·6	1015·7	+2·1	286·9	292·0	28th	280·2	274·8	14th	283·6	+1·1	*283·4*	44	− 4
339	Copenhagen	55 41	12 36	5·0	1015·0	1015·6	+2·8	284·7	287·8	22nd	280·2	273·9	11th	282·5	+1·4	*282·5*	55	+ 7
340	Potsdam	52 23	13 4	84·9	1006·4	1016·8	+1·8	287·3	294·4	3rd	278·5	271·6	13th	282·9	+0·2	282·2	18	− 34
340*a*	Upsala	59 51	17 38	24·0	1010·1	1013·0	+1·1	282·7	289·4	1st	274·9	268·3	13th	278·8	+0·8	279·0	19	− 4
341	Warsaw	52 15	21 1	120	..	1018·6	+2·5	..	291	..	..	270	..	281·2	+0·3	*281·1*	40	− 20
342	Jurjev	58 23	26 43	74·5	..	1014·2	+0·3	..	288	..	..	265	..	277·9	−0·1	*277·8*	35	..
343	Petrograd	59 56	30 16	4·8	..	1012·3	−1·0	..	285	..	..	268	..	276·7	−0·8	*276·6*	54	+ 19
344	Kiev	50 27	30 30	182·9	..	1020·2	+1·2	..	293	..	..	270	..	280·4	−0·3	*280·3*	11	− 38
344*a*	Moscow	55 45	37 34	156	..	1014·6	−3·3	..	284	..	..	266	..	275·8	−1·6	*275·8*	46	+ 8
345	Saratov	51 32	46 3	59·9	..	1013·9	−6·7	..	289	..	..	267	..	277·8	−1·6	*277·7*	33	+ 10
346	Kazan	55 47	49 8	79·8	..	1011·8	−7·3	..	283	..	..	261	..	273·1	−3·6	*273·1*	41	+ 61
347	Orenburg	51 45	55 6	114·1	..	1013·8	−8·7	..	290	..	..	256	..	274·9	−2·3	*274·8*	92	+ 52
348	Perm	58 1	56 15	163·0	..	1008·2	−8·3	..	282	..	..	262	..	270·7	−3·9	*270·6*	72	..
349	Ekaterinburg	56 50	60 38	288·9	..	1009·5	−8·8	..	284	..	..	261	..	270·9	−3·1	*270·9*	77	+ 50
350	Tobolsk	58 12	68 14	108·3	996·6	1010·3	..	..	281·9	7th	268·9	260·7	29th	271·7	−1·7	*271·6*	16	+ 20
351	Akmolinsk	51 12	71 23	? 347	975·6	1017·9	−7·7	..	291·5	13th	270·8	263·6	5th	275·9	+0·8	*275·8*	20	− 4
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	15	− 2
353	Barnaoul	53 20	83 47	162·2	1001·5	1021·7	−1·7	..	294·7	3rd	271·0	256·7	17th	276·9	+2·4	*276·8*	27	− 18
354	Tomsk	56 30	84 58	121·6	1002·7	1017·9	−1·9	..	289·3	3rd	272·0	266·1	20th	275·7	+2·6	*275·6*	41	..
355	Minousinsk	53 43	91 41	? 245	992·4	1012·8	..	..	294·1	3rd	270·8	266·0	1st	276·1	..	*276·0*	18	− 4
356	Eniseisk	58 27	92 11	84·4	1008·3	1019·0	−0·9	..	289·2	4th	270·8	263·8	20th	274·2	+2·1	*274·1*	33	− 7
357	Irkutsk	52 16	104 19	467·0	967·5	1024·8	+1·0	..	291·7	14th	269·0	260·7	19th	275·1	+1·0	*275·1*	8	− 9
358	Kirensk	57 47	108 7	? 263	990·2	1023·1	..	..	290·5	11th	270·1	261·0	21st	273·6	..	*273·6*	29	..
359	Tchita	52 2	113 30	663·7	942·7	1023·3	..	..	290·3	17th	265·9	256·5	20th	272·8	..	..	41	+ 4
360	Blagoveshchensk Priisk	58 10	114 17	? 490	961·5	1022·6	..	..	281·7	5th	265·1	251·0	31st	269·5	..	*269·5*	29	− 14
360*a*	Nertchinsk	51 59	116 35	484·3	962·4	1021·9	..	..	290·2	5th	265·1	251·3	30th	273·4	+3·6	*273·4*	0	..
361	Tygan Ourkan	54 5	124 46	? 359	974·8	1019·5	..	277·8	288·7	13th	263·9	255·4	23rd	270·9	..	*269·9*	2	..
362	Blagoveshchensk	50 15	127 38	133·6	998·6	1015·3	..	..	296·4	1st	269·4	260·2	29th	275·1	+0·9	*275·1*	8	..
363	Paikanskii Sklad	50 11	130 7	? 145	..	..	..	..	297·6	1st	265·2	255·2	29th	273·4	..	*273·4*	? 6	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1009·9	1012·6	−1·0	..	284·8	1st	270·8	260·3	28th	274·7	+0·2	*274·7*	63	+ 35
366	Okhotsk	59 21	143 17	6·0	1012·2	1013·0	0·0	274·4	279·8	13th	266·5	259·8	31st	270·5	+0·6	*270·5*	12	− 14
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	996·0	1006·8	−1·0	279·8	287·1	1st	274·3	271·8	15th	277·1	−0·4	..	85	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
411	Victoria, B.C.	° N. ′ 48 24	° W. ′ 123 19	metres. 25·9	mb. ..	mb. 1019·6	mb. +2·7	a. 285·4	a. 289·8	2nd	a. 279·2	a. 274·7	5th	a. 282·3	a. −1·6	a. 282·2	mm. 92	mm. + 35
412	Portland, Oregon	45 32	122 41	46·6	1015·2	1020·6	+2·7	288·6	296·9	1st	280·8	276·3	5th	284·8	−0·1	*284·3*	92	− 3
413	Macleod	49 44	113 24	954	..	..	..	283·6	298·6	2nd	272·1	264·7	30th	277·8	−2·3	*277·5*	5	− 29
414	Helena	46 34	112 4	1253	875·1	1018·9	+2·0	283·0	299·1	2nd	273·6	266·3	28th	278·4	−1·2	*278·1*	35	+ 15
414*a*	Salt Lake City	40 46	111 54	1329	870·0	1018·6	+2·4	288·6	298·0	2nd	278·0	272·4	29th	283·2	−1·0	*283·3*	33	− 3
415	Cheyenne	41 8	104 48	1856	813·5	1017·9	+1·7	284·1	295·2	2nd	272·4	263·0	26th	278·3	−2·1	*278·0*	36	+ 18
416	North Platte	41 8	100 45	859	918·4	1018·6	+2·0	289·7	304·7	1st	273·0	257·4	29th	281·3	−1·7	*281·0*	4	− 25
416*a*	Bismarck	46 47	100 38	510·6	956·6	1018·3	+2·7	284·7	301·9	2nd	271·3	258·6	29th	278·1	−1·7	*277·7*	29	+ 3
417	Winnipeg	49 53	97 7	231·6	..	1016·2	+1·0	280·5	296·0	2nd	270·7	258·0	29th	275·6	−2·7	*274·4*	20	− 19
418	Duluth	46 47	92 6	1345·1	973·9	1015·9	0·0	282·4	298·0	3rd	273·0	263·0	21st	277·8	−2·4	*277·7*	85	+ 15
419	Port Arthur	48 27	89 12	196·3	..	1015·6	−0·3	281·9	290·2	1st	272·4	259·7	22nd	277·2	−1·2	*277·0*	95	+ 30
420	Chicago	41 53	87 37	250·9	986·4	1016·6	−0·7	288·6	301·3	10th	281·3	270·2	21st	284·9	+0·1	*284·9*	57	− 8
421	Toronto	43 40	79 24	106·7	..	1015·9	−1·7	288·4	300·4	6th	279·4	270·2	31st	283·9	+1·8	283·6	62	− 6
422	New York	43 40	74 0	95·7	1003·0	1014·5	−3·4	290·8	296·9	5th	284·1	274·7	31st	287·6	+1·4	287·7	268	+ 173
423	St. John, N.B.	45 17	66 4	21·3	..	1015·6	−0·3	288·3	293·7	3rd	283·1	272·0	31st	285·7	+4·2	*285·6*	151	+ 46
424	S. W. Point, Anticosti	49 24	63 35	12·2	..	1016·6	+3·1	283·2	292·4	20th	275·3	265·2	31st	279·2	+1·8	..	191	+ 109
425	Sable Island (Main Station)	43 57	60 6	7·6	..	1018·6	..	290·1	293·6	22nd	285·6	278·0	31st	287·8	+3·6	..	194	+ 77
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1018·6	+5·8	285·5	296·3	5th	278·4	271·9	2nd	281·9	+1·5	..	80	− 79
435	Madrid	40 24	3 41	655·4	939·5	1015·4	−1·8	292·1	298·3	16th	280·3	274·7	22nd	286·2	−0·8	285·6	102	+ 57
436	Nantes	47 15	W 1 34	41·4	1007·1	1012·1	−3·5	290·8	294·9	25th	281·6	275·8	15th	286·2	+0·6	*285·8*	109	+ 47
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1008·0	1014·1	−1·1	289·5	294·8	25th	280·9	276·7	14th	285·2	+1·5	*284·6*	34	− 27
438	Marseilles	43 18	5 23	75·0	1007·1	1016·1	+1·3	293·8	297·8	25th	284·9	279·8	10th	289·4	+1·3	*288·8*	104	− 7
438*a*	Zürich	47 23	8 33	493·2	959·5	1018·0	+0·5	..	293·4	27th	..	275·6	15th	..	+1·6	283·0	20	− 83
439	Rome	41 54	12 29	63·4	..	1018·0	+2·0	295·6	301	8th	286·4	281	16, 17, 20	291·0	+1·2	*290·8*	30	− 88
440	Vienna	48 15	16 22	202·5	993·7	1018·2	+1·3	286·4	292·5	30th	279·5	271·8	15th	283·0	+0·2	282·8	26	− 24
440*a*	Buda-Pesth	47 30	19 2	129·6	1004·8	1020·6	+2·9	290·6	298·0	8th	278·4	272·4	15th	284·5	+0·3	*283·6*	24	− 42
441	Bucharest	45 25	26 6	82	1011·9	1021·9	+4·1	..	300·3	9th	..	273·2	18th	284·7	−0·4	..	3	− 35
442																		
443	Odessa (University)	46 29	30 46	65·3	..	1022·0	+2·7	287·7	296·6	7th	280·4	272·6	15th	284·1	−0·2	*283·9*	2	− 28
444	Kharkov (University)	50 0	36 14	140	..	1019·9	−0·8	..	291	..	..	268	..	279·7	−0·7	*279·6*	25	− 15
444*a*	Novorossiisk	44 40	37 49	37	..	1020·3	+1·1	..	296	..	..	272	..	286·4	−1·7	*285·3*	29	− 11
445	Tiflis	41 43	44 48	409	..	1020·4	−0·6	..	299	..	..	275	..	286·0	−1·0	*286·0*	4	− 30
446	Astrakhan	46 21	48 2	−14	..	1019·2	−2·7	..	295	..	..	268	..	280·9	−2·4	*280·8*	26	+ 15
447	Fort Alexandrovsk	44 31	50 16	24	1015·8	1018·7	−2·8	..	295·7	11th	279·0	271·0	22nd, 24th	283·1	..	*283·0*	58	+ 46
448	Krasnovodsk	40 0	52 59	−15	..	1019·1	−1·9	..	299	..	..	279	..	289·1	−1·4	*289·1*	..	..
449	Tachkent	41 20	69 18	479·2	964·2	1020·7	−1·9	293·2	302·8	2nd	280·1	275·6	26th	286·7	+0·5	285·9	62	+ 38
450	Tourgay	49 38	63 27	? 130	1000·7	1016·8	..	..	292·0	12th	272·3	263·3	30th	276·8	..	..	44	..
451	Narynskoe	41 26	76 2	?2015	798·7	..	..	..	291·0	20th	273·7	267·2	26th	279·4	+2·0	*279·4*	15	− 3
452	Vernyi	43 16	76 53	824·8	923·8	1020·0	−2·2	288·0	298·6	3rd	..	..	..	281·9	+1·4	*281·9*	37	− 10
461	Mukden	41 48	123 23	43·8	1015·7	1021·1	+1·2	289·2	303·4	1st	274·5	265·8	31st	281·9	−0·7	281·2	11	− 29
462	Joshin	40 40	129 11	4·0	1017·9	1018·4	+0·1	289·3	294·6	2nd	279·3	271·9	31st	284·3	−0·4	*284·3*	21	− 13
463	Vladivostok	43 7	131 54	26·8	1016·2	1019·5	+0·4	285·3	292·3	1st	277·9	269·8	30th	281·6	−0·8	*281·1*	82	+ 40
464																		
465	Ochiai	47 20	142 44	6·6	1013·4	1014·2	..	283·4	294·7	2nd	272·1	266·2	29th	277·8	..	277·8	38	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1012·2	1015·5	−0·1	285·4	292·5	1st	278·8	273·3	31st	282·1	−1·2	282·0	105	+ 13

OCTOBER—ZONE 5 (Western Half).

Between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
511	San Francisco	N. 37 48	W. 122 26	47·2	1010·8	1016·6	+0·3	294·1	305·2	1st	284·7	281·9	27th	289·4	+1·7	*288·6*	9	− 23
512	San Luis Obispo	35 18	120 39	61·3	1009·5	1016·6	+1·0	297·4	308·0	19th	282·4	277·4	5th	289·8	+1·7	*289·2*	0	− 33
513	Modena	37 48	113 54	1670	835·4	1016·9	+2·4	290·2	298·0	24th	271·9	265·2	16th	281·1	−2·0	*281·0*	6	− 15
514	San Diego	32 43	117 10	26·5	1011·5	1014·5	+0·3	295·2	303·0	19th	288·0	284·7	8th	291·6	+1·4	*291·4*	0	− 13
515	Santa Fé	35 41	105 57	2138	788·3	1015·6	+1·0	288·0	294·1	13th	274·1	262·4	29th	281·0	−2·6	*280·7*	30	+ 5
516	Denver	39 45	105 0	1613	838·1	1017·3	+1·0	288·0	298·0	5th	283·6	271·9	29th	289·4	−1·4	*289·2*	99	+ 41
517	Abilene	32 23	99 40	529·6	956·3	1017·6	+1·4	295·2	303·0	6th	281·9	270·8	29th	286·4	−1·2	*286·1*	104	+ 43
518	Saint Louis	38 38	90 12	172·8	996·3	1016·9	−1·0	290·8	300·8	6th	281·9	270·8	29th	286·4	−1·2	*286·1*	104	+ 43
519	Mobile	30 41	88 2	17·4	1015·6	1017·6	+0·3	296·3	302·4	1st	286·9	276·3	28th	291·6	−0·9	*291·2*	43	− 38
520	Nashville	36 10	86 47	166·4	998·3	1018·3	−0·3	293·6	304·1	7th	281·9	270·8	31st	287·9	−0·8	*287·7*	74	+ 10
521	Charleston	32 47	79 56	14·6	1014·5	1015·9	−2·0	296·3	304·7	1st	287·4	276·9	21st	291·9	−0·6	*291·6*	169	+ 69
522	Washington	38 54	77 3	34·1	1011·5	1015·6	−3·0	292·4	298·0	6th	283·6	274·7	22nd	287·9	+1·2	*287·7*	86	+ 8
523	Bermuda	32 17	64 46	46·0	1011·4	1016·8	+0·6	299·1	300·8	6th	293·2	290·7	3rd	296·2	+0·1	*296·8*	107	− 68
531	Horta	38 32	28 38	30	..	1014·8	−5·0	293·0	297	1st, 2nd	288·7	285	23rd	290·8	−1·0	..	118	+ 46
532	Ponta Delgada	37 44	25 40	17	..	1013·6	−5·7	292·2	296	1st	288·7	286	24th, 25th	290·4	−1·4	..	94	+ 8
533	Madeira (Funchal)	32 37	16 54	25	1012·1	1015·1	−2·9	?292·8	?299·0	17th	?287·7	?283·2	24th	?290·3	?−1·6	..	281	+208
534	Lisbon	38 43	9 9	95·4	1002·0	1013·4	−3·5	292·7	298·5	14th	287·0	283·5	23rd	289·8	−0·4	*289·6*	188	+108
535	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
536	Gibraltar	36 6	5 21	16·2	1013·8	1015·8	+0·5	294·3	296·9	3rd	288·6	284·1	22nd	291·4	−0·7	*291·3*	79	− 8
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1008·6	1013·1	−2·6	297·9	305·9	7th	290·4	288·0	19th, 30th	294·2	−0·1	*293·6*	20	− 53
538	Palma	39 33	2 42	..	..	1016·7	+0·4	297·2	302	22, 24, 25	289·7	285	17th	293·4	+2·4	..	21	− 44
538a	Tunis	36 48	10 10	43	1016·2	1021·3	+4·7	296·3	303·0	3rd	287·3	282·0	23rd	291·8	−0·8	..	73	+ 20
539	Malta	35 54	14 31	59	..	1019·4	+1·9	297·3	303	sev. dates	292·4	286	24th	291·8	+0·3	..	58	+ 29
540	Catania	37 30	15 3	64·9	..	1017·8	+1·1	297·2	306·7	9th	290·0	285·1	15th	293·6	+0·6	..	126	+ 41
541	Athens	37 58	23 43	107·1	..	1019·0	+1·7	295·8	305	8th	288·7	284	20th, 24th	292·2	−0·5	*291·8*	38	+ 6
542	Alexandria	31 9	29 54	32·0	..	1016·2	−0·3	301·0	306	17th	293·3	289	25th	297·2	+0·3	*296·6*	14	..
543	Cairo (Helwan)	29 52	31 20	115·6	..	1016·0	−0·1	302·7	311	9th	290·6	287	28th	296·6	0·0	*296·1*	0	+ 23
544	Nicosia	35 12	33 24	22·1	..	1014·3	−1·0	302·7	310	10th, 11th	285·6	282	5th	294·2	−0·4	*293·7*	45	− 13
544a	Beirut	33 54	35 28	52·4	..	1014·6	−0·4	299·8	306	10th	293·8	290	20th	296·8	0·0	..	46	− 2
545	Baghdad	33 21	44 28	38·7	1009·5	1014·1	+0·5	306·4	311·1	2nd	290·8	286·3	5th	298·6	+0·3	..	0	+ 17
546	Lenkoran	38 46	48 52	−19	1021·5	1019·2	−0·6	..	300·2	12th	284·9	277·9	23rd	288·2	−1·5	*288·2*	265	+ 81
547	Busrah	30 31	47 53	7·6	1012·8	1014·0	−0·7	307·3	313·7	1st	293·9	290·8	6th	300·6	+1·4	..	3	+ 3
548	Meshed	36 16	59 35	946	909·7	1017·4	..	294·9	305·6	3rd	280·1	275·7	21st, 23rd	287·5	+0·8	..	47	..
549	Quetta	30 11	67 3	1677	836·2	..	+0·1	297·9	303·6	5th	278·9	273·8	13th	288·4	+1·8	*288·4*	5	+ 3
550																		
551	Lahore	31 34	74 20	214	987·4	1012·0	+0·4	308·1	312·4	1st	289·3	286·2	14th, 15th	298·7	+0·7	*297·9*	3	− 2
551a	Simla	31 7	77 8	2204·8	784·4	..	+1·1	290·3	292·9	11th	283·8	278·4	30th	287·1	+0·4	*287·1*	9	− 1
552	Leh	34 10	77 42	3503	669·4	..	+0·6	287·6	291·2	6th	272·0	267·3	31st	279·8	−0·1	*278·9*	0	+ 13
552a	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	35	− 80
559	Hang Kow	30 35	114 17	37·0	1015·7	1020·0	−0·2	298·4	303·5	4th	288·7	281·2	29th	293·6	+1·5	*293·1*	19	− 7
560	Tiensin	39 10	117 10	5·0	1021·4	1022·0	+0·9	292·2	304·3	1st	281·3	275·8	21st	286·8	−0·8	..	1	− 51
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1018·2	−0·1	297·8	302·0	1st	284·9	277·8	21st, 30th	291·3	−0·2	290·2	1	− 10
562	Jinsen (Chemulpo)	37 29	126 32	67·6	1010·5	1018·7	+0·1	292·1	301·5	3rd	282·8	276·7	26th	287·5	−0·1	287·0	29	− 125
562a	Nagasaki	32 44	129 52	133·0	999·9	1015·6	−1·2	295·0	299·8	13th	287·8	282·9	24th	291·4	−0·3	290·8	9	+ 48
563	Kioto	35 1	135 44	42·9	1010·5	1015·6	−1·5	295·6	301·0	1st	283·0	275·0	27th	289·3	−0·1	288·5	176	+ 61
564	Tokio	35 41	139 45	21·3	1012·8	1015·4	−1·4	292·7	297·7	4th	285·3	280·c	31st	289 0	−0·2	288·6	245	+ 28
565	Miyako	39 38	141 59	30·4	1012·7	1016·4	−0·8	290·5	295·6	14th	279·9	274·2	12th	285·2	−1·1	284·4	200	..
566																		
		N.	E.															

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1013·9	1015·2	−1·1	301·3	303·6	5th	295·5	294·1	3rd	298·4	+0·6	..	7	− 75
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1798·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Galveston	29 18	94 50	16·5	1015·6	1017·6	+0·7	296·9	302·4	8th	290·8	279·1	27th	293·9	−1·6	*293·8*	390	+284
618	New Orleans	29 58	90 4	15·5	1015·6	1017·6	+0·7	297·4	304·1	9th	288·6	278·6	30th	293·0	−0·8	*292·6*	140	+ 66
619	Havana	23 8	82 22	24·3	..	1015·6	+2·6	301·1	303·8	23rd	295·4	292·7	18th	298·3	−0·4	*298·0*	102	− 8
620	Key West	24 33	81 48	6·7	1014·9	1015·6	+1·7	301·3	303·6	10th	296·3	292·4	22nd	298·8	−0·2	*298·8*	133	− 119
621	Nassau, Bahamas	25 5	77 21	7·6	..	1015·7	+1·8	302·2	304·4	2nd, 9th	296·4	294·4	20th	299·3	+0·3	..	41	..
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
634	Las Palmas, Canary Islands	28 7	W15 26	7	1014·3	1015·1	−2·3	301·1	306·0	16th	291·0	286·6	24th	296·1	+0·4	..	40	+ 17
637	Insalah	27 17	E 2 27	330	..	..	..	306·4	..	..	291·2	278·0	17th	298·8	−1·3	*298·6*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1017·5	+0·1	303·4	307	sev. dates	293·4	289	29, 30, 31	298·4	0·0	*298·6*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1014·2	+1·1	308·5	314	10th	292·6	285	30th	300·6	−0·6	*300·7*	..	..
643	Suez	29 57	32 32	3·4	..	1015·6	+0·5	304·7	311	9th	289·7	288	sev. dates	297·2	−0·6	..	..	..
644	Aswan	24 2	32 53	99·6	..	1013·9	+1·2	308·4	315	10th	292·4	287	26th	300·4	−1·4	*300·9*	..	..
647	Bushire	28 59	50 53	4	1012·3	1012·9	−0·3	304·4	308·2	26th	294·8	291·9	30th	299·6	+0·3	..	0	− 1
648	Jask	25 44	57 47	4	1011·8	1012·3	+0·3	306·4	310·1	11th	298·1	295·9	13th	302·2	+0·8	..	0	..
649	Kurrachee	24 53	66 57	4	1012·4	1012·8	+0·9	303·9	309·7	12th, 28th	296·4	293·6	14th, 28th	300·2	+1·0	*299·5*	0	..
650	Hyderabad, Sind	25 24	68 18	29	1008·7	1012·0	+0·9	308·7	311·3	15th	294·6	290·8	28th	301·7	−0·3	..	0	..
651	Jaipur	26 56	75 52	436	963·8	1012·4	+0·3	309·3	312·6	1st	293·1	288·6	25th	301·2	+1·9	*300·5*	1	− 37
652	Nagpur	21 8	79 5	310	977·5	1012·4	+1·0	307·7	310·0	2nd, 4th	292·6	288·4	17th, 28th	300·1	+0·9	*299·6*	12	− 64
653	Allahabad	25 25	81 51	94	1001·1	1011·8	+0·5	308·7	310·6	8th, 9th	293·3	289·1	31st	301·0	+1·8	*300·2*	0	+ 69
654	Calcutta	22 36	88 23	6	1011·0	1011·7	+0·7	303·5	305·7	8th	296·1	291·7	29th	299·8	−0·2	*299·5*	169	..
655	Gauhati	26 8	91 41	59	1006·3	1013·0	..	303·4	305·9	10th, 11th	294·4	290·3	31st	298·9	..	..	183	+121
655a	Cherrapunji	25 15	91 42	1314	872·7	..	..	294·4	297·8	10th	288·7	284·2	31st	291·6	..	..	862	+493
656	Shillong	25 33	91 48	1500	851·8	..	..	294·7	296·8	10th	285·6	280·6	31st	290·2	..	..	198	+ 42
656a	Akyab	20 11	92 56	6	1011·3	1012·0	+1·2	302·9	305·7	24th	297·1	294·9	31st	300·0	−0·9	*299·6*	377	+ 120
657	Phu Lien	20 48	106 37	115·6	1001·6	1015·0	+1·9	302·2	306·9	3rd	294·9	291·6	20th	298·5	0·0	*297·8*	107	− 45
658	Moncay	21 31	107 51	9	1014·1	1015·1	+1·7	303·0	306·1	1st	292·4	289·9	sev. dates	297·7	−0·4	*297·0*	117	..
659																		
660	Hong Kong	22 18	114 10	33·2	1011·0	1014·8	+1·2	299·8	302·7	8th	295·3	292·9	17th	297·6	−0·1	297·5	90	+ 55
661	Taihoku, Formosa	25 2	121 31	9·3	1014·6	1015·6	+0·8	299·7	304·1	1st	291·5	284·6	17th	295·6	−0·9	295·1	237	+ 69
662	Naha	26 13	127 41	10·5	1011·9	1013·1	−0·7	300·7	305·0	13th	294·0	287·8	30th	297·4	+0·2	297·1	26	− 125
		N.	E.															

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	19 26	99 8	2280	780·9	..	+0·9	293·3	298·3	2nd	283·4	280·8	25, 26, 30	288·4	+0·1	288·1	74	+ 34
718a	Oaxaca	17 4	96 44	1563	847·4	..	..	299·5	302·5	19th	285·9	282·4	24th	292·7	..	*292·1*	85	..
719	Belize	19 29	88 12	1·9	1016·0	1016·2	+3·6	303·5	305·8	3rd	297·5	294·1	25th	300·5	+0·1	*299·4*	767	+423
720	San Salvador	13 44	89 9	657	939·1	1012·9	+2·2	..	304·0	..	..	293·6	27th	299·3	−0·3	*299·4*	142	− 71
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	..	..	303·2	304·4	11th	295·4	293·6	27th	299·3	−0·3	*299·4*	457	+191
722	Port au Prince	18 34	72 22	37·4	..	1012·9	+2·0	303·0	305·0	15th	297·6	295·5	27th	300·3	..	..	139	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	1012·4	1013·1	..	303·0	305·0	1, 5, 22	296·6	294·7	25th	299·3	−0·4	*298·7*	279	+ 95
724	Grenada (Richmond Hill)	12 3	61 45	155·1	994·2	1012·1	+1·0	301·9	303·6	1, 5, 22	296·6	294·7	25th	299·3	−0·4	*298·7*	270	+ 25
725	Barbados	13 8	59 36	55·2	..	1011·0	+1·1	302·4	304·2	15th	295·6	293·1	25th	299·0	−0·8	*298·8*	177	+ 21
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·1	1014·3	+1·2	300·0	303·0	19th	294·0	292·6	1, 6	297·0	−2·0	..	45	+ 5
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·1	1016·0	..	301·2	303·5	8th	297·2	295·6	18th	299·2	−0·3	..	106	+ 69
733	Bathurst	13 24	16 36	1·5	1012·8	1013·0	+0·5	304·5	307·4	11th	296·1	293·6	2nd	300·3	+0·1	*301·4*	39	− 65
734	M'Carthy Island	13 24	16 36	1·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
735	Ségou	13 42	14 46	1·1	..	..	..	..	..	..	293·9	291·0	24th	..	..	..	9	..
736	Timbouctoo	13 34	6 17	? 272	..	..	..	314·5	317·5	23rd	295·6	291·5	29th	305·1	+0·3	*301·4*	0	..
737	Sokoto	16 43	W 5 52	250	982·3	1010·1	+0·1	310·8	313·0	25th	295·3	291·3	28th	303·1	+1·5	..	0	− 10
738	Kontagora	13 2	E 5 14	354	..	..	..	305·5	307·4	30th	292·9	288·0	31st	299·2	−0·2	..	76	− 13
739	Maiduguri	10 24	5 24	400	..	..	..	312·9	316·3	18th	295·5	291·3	31st	304·2	+2·2	..	11	0
740	Katagum	11 48	13 12	370	..	..	..	311·9	313·6	10, 17, 21	293·7	286·9	31st	302·8	+1·8	..	6	− 4
742	Kadugli	12 17	10 22	30·7	..	..	..	308·5	311·5	..	292·3	286·5	31st	300·4	..	..	84	..
743	El Obeid	13 11	30 14	585	..	1012·4	+0·4	309·2	313	23rd	293·4	286	31st	301·3	−0·1	*301·0*	64	+ 39
744	Khartoum	15 37	32 33	390	..	1009·8	+0·9	312·0	315	18th	297·4	291	31st	304·7	+0·3	*305·0*	2	− 5
746	Aden	12 45	45 3	28·7	1011·1	1014·2	+1·8	304·0	307·2	13, 16	297·9	295·2	28, 31	300·9	−0·9	*300·0*	0	− 2
751	Bombay	18 54	72 49	11·3	1010·8	1012·1	+0·6	304·3	305·8	24th	298·1	295·9	28th	301·2	+0·4	*300·5*	60	+ 13
752	Mysore	12 18	76 40	768	927·4	1011·8	+0·5	301·4	303·4	8, 25	292·2	288·7	22nd	296·8	−0·4	*296·0*	137	− 42
752a	Kodaikanal	10 13	77 28	2343	771·6	..	+0·3	290·3	292·7	5th	283·8	280·8	22nd	287·1	+0·2	*286·5*	141	−136
753	Madras	13 4	80 14	6·7	1010·5	1011·3	+0·5	304·4	308·0	17th	297·2	295·7	4 dates	300·3	..	*299·6*	353	+189
754	Waltair	17 45	83 16	68·9	1002·7	1011·6	+0·9	303·4	306·1	18th	297·2	295·7	8, 11	300·3	−0·6	*299·6*	289	+ 12
755	Port Blair	11 40	92 40	17·7	1009·4	1011·4	+0·6	302·7	304·2	22, 27, 28	297·8	296·3	8, 11	300·3	−0·6	*299·6*	141	− 31
756	Rangoon	16 46	95 48	5·5	1012·0	1012·6	+1·2	303·9	305·2	8, 22, 24	297·2	295·5	12th	300·6	−0·1	*299·7*	..	..
757	Saigon	10 46	106 42	11·2	1008·5	1009·7	+0·5	304·3	305·9	2, 9	296·5	295·4	31st	300·4	·0·0	..	203	− 35
758	Nhatrang	12 16	109 12	6·8	1010·5	1011·2	+1·6	303·1	305·8	21st	295·3	293·2	31st	299·2	−0·7	..	353	+ 37
759	Bolinao	16 24	119 53	9·7	..	1008·5	+0·1	305·1	306·7	9th	296·6	293·6	26th	300·9	+0·1	300·3	67	−111
760	Vigan	17 34	120 23	14·7	..	1008·6	−0·3	304·1	306·c	3rd	296·0	292·8	27th	300·1	−0·7	299·6	46	−139
761	Manila	14 35	120 59	14·2	..	1008·9	−0·2	304·4	306·5	2nd	295·6	292·5	26th	300·0	−0·6	299·1	120	− 67
762	Ormoc	11 0	124 36	5·6	..	1009·1	+0·3	303·5	305·2	30th	296·1	292·8	27th	299·8	+0·2	299·2	336	+ 79
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1007·9	..	302·4	304·4	28th	297·2	295·6	2nd	299·8	0·0	..	345	..
		N.	E.															

OCTOBER—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	1011·2	−0·8	307·1	310·2	29th	298·1	296·3	3, 20	302·6	+1·3	*301·2*	108	+ 5
819	Culebra	9 10	79 40	123·1	..	1010·6	0·0	303·0	305·2	19th	295·2	293·6	9th	299·1	+0·4	..	154	−133
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	El Peru, Guayanavieja	7 30	62 0	? 300	..	..	..	303·5	304·7	2, 14, 23	294·8	293·6	10, 26	299·2	..	..	93	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1015·2	1015·4	+4·1	303·4	304·7	11, 16	296·9	295·2	28th	300·2	−0·3	..	101	− 22
826a	Paramaribo	5 49	55 9	4	1013·4	1013·8	..	304·7	306·0	19th	295·9	294·5	4th	300·3	..	*299·3*	70	− 1
	Cayenne	4 56	52 21	6	..	..	..	305·2	307·0	3rd	296·4	293·6	15th	300·8	−0·1	*301·1*	69	+ 35
833	Conakry				..	..	..	..	..	..	..	..	..	..	..	..	192	−246
834	Sierra Leone	9 31	13 43	16	1005·0	1012·9	+1·2	303·6	306·3	3rd	294·2	292·4	8, 17	298·9	−0·9	..	162	−172
835	Cape Coast Castle	8 30	13 9	68·3	..	..	..	302·8	..	..	294·7	..	..	298·8	−0·4	..	54	+ 5
836	Accra	5 5	1 13	..	..	..	..	303·0	..	..	295·7	..	..	299·3	+0·6	..	52	+ 5
837		5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
838	Lagos	6 22	E 3 28	7·6	..	1012·7	+1·0	302·6	305·9	..	296·1	293·7	..	299·3	+0·1	..	120	− 81
838a	Zungeru	9 48	6 10	130	..	1012·5	+0·6	305·6	308·0	25th, 31st	293·5	291·3	31st	299·6	−0·3	..	33	− 63
839	Libreville	0 23	9 26	35	..	..	..	304·5	306·4	21st	291·9	290·8	19th	298·2	−0·4	..	148	−240
841	Yola	9 12	12 30	259	..	..	..	305·6	308·0	24th, 31st	294·6	291·9	7th, 23rd	300·1	−0·5	..	114	+ 32
842	Kafia Kingi	9 22	24 18	596	946·0	..	..	..	..	..	292·5	290·0	20th	..	..	..	71	..
843	Wau	7 42	28 3	440	..	1011·1	+0·5	306·8	311	19th, 20th	293·1	289	31st	300·0	+0·2	..	126	+ 24
844	Enteebbe	0 2	32 5	1171	884·7	..	+1·5	300·7	303·1	1st	289·7	288·6	9th, 16th	295·2	+0·4	*294·0*	112	+ 22
845	Nandi	0 5	32 29	2010	..	..	..	298·9	301·3	23rd	281·9	280·8	2nd	290·4	−0·4	..	104	− 2
	Harrar	9 42	42 30	1856	..	..	..	298·2	299·0	sev. dates	287·6	286·0	30th, 31st	292·9	..	..	18	..
851	Cothin	10 0	76 21	2·7	1011·9	1012·1	+0·6	303·1	305·1	26th, 27th	296·9	295·1	7th	300·0	+0·1	*299·3*	252	− 80
852	Colombo Observatory	6 54	79 53	7·3	1010·0	1010·8	+0·6	302·7	304·1	23rd	296·8	295·0	23rd	299·8	−0·3	*299·1*	164	−239
853	Candy	7 18	80 40	504·5	..	..	..	301·4	303·3	21st	293·2	290·5	10th	297·3	−0·1	..	679	+367
855	Medan				..	1011·0	+0·6	?302·4	?304·4	12th	?295·2	?293·8	8th	?298·8	..	?297·9	284	+ 23
856	Kota Radja	3 35	98 41	23·5	..	1010·8	−0·3	..	..	..	..	..	..	..	..	..	84	−104
857	Penang	5 32	95 20	7·1	1008·2	1008·8	−0·7	303·1	306·3	1st	295·6	294·7	12th	299·4	−0·6	..	429	− 24
858	Singapore	1 17	103 51	2·2	1010·7	1010·9	..	305·0	306·3	2nd	296·4	294·7	12th	300·7	+0·4	..	267	+ 75
860	Sandakan	5 49	118 12	..	..	1009·0	+0·6	303·5	306·3	30th	296·0	294·5	6th	299·8	−1·0	299·0	383	+102
861	Tagbilaran	9 38	123 51	26·2	..	1008·7	+0·2	304·4	306·9	14th	297·1	295·8	29th	300·8	−0·1	300·0	200	− 38
862	Surigao	9 48	125 29	6	..	1007·8	..	304·1	306·9	17th	296·9	295·0	5th, 7th	300·5	..	..	372	..
867	Yap	9 29	138 8	31·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
869	Uyelang	9 42	161 2	<10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
906																		
923	Manaos	3 8	59 59	44·9	1004·1	1009·2	+2·0	..	309·4	14th	..	295·0	..	301·1	−1·3	..	125	..
929	Quixeramobim	5 16	39 15	207·0	989·5	1012·9	+2·1	..	308·2	18th	..	296·1	..	301·2	−0·1	*301·1*	2	..
930	Fernando Noronha	3 51	W32 25	95	1002·0	1013·0	+1·5	..	302·3	..	..	294·0	..	298·6	..	..	6	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	305·2	307·2	22nd, 24th	292·6	291·2	11th	298·9	−0·5	..	108	..
940	Loango	4 38	11 50	? 50	..	..	..	301·4	303·0	31st	294·3	293·0	3, 4, 16	297·9	..	*297·2*	12	..
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
944	Nairobi	1 18	36 59	1660	..	..	..	297·8	301·2	16th	285·1	281·6	5th	291·5	−0·3	..	74	..
944*a*	Zanzibar	6 10	39 11	21·9	1015·0	1017·5	+1·1	301·5	303·5	17th	296·9	295·9	2nd	299·2	−0·1	*298·3*	107	..
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	303·2	303·6	3rd	297·6	296·9	5th	300·4	..	..	8	..
947	Seychelles	4 37	55 27	4·6	..	1014·0	+1·7	301·1	302·2	..	297·7	295·9	..	299·4	+0·2	..	66	..
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1011·8	+0·8	303·2	305·0	27th	296·1	294·9	9th	299·7	..	299·0	339	..
957	Batavia	6 11	106 50	8	1010·3	1011·2	+1·0	304·2	305·6	1st	296·6	295·7	1st, 17th	300·4	+0·6	300·1	92	..
958	Pontianak	0 1	109 20	2·6	..	1011·4	+1·6	304·2	305·8	15th	296·1	295·2	14th	300·2	..	299·1	214	..
959	Passeroean	7 38	112 55	5·0	..	1011·1	+0·8	..	..	..	..	..	..	..	..	..	1	..
960	Kajoemas	7 56	114 9	950	..	..	..	299·1	302·0	21st	290·9	289·4	6th	295·0	..	294·1	37	..
961	Koepang	10 10	123 34	3·3	..	1011·8	+1·8	305·6	308·3	9th	294·2	291·6	30th	299·9	..	299·7	5	..
962	Ambon	3 42	128 10	4·2	..	1011·3	+1·6	302·4	303·4	13th	295·6	292·8	10th	299·0	+0·1	298·6	66	..
965	Daru	9 4	143 13	8	..	1014·4	+3·1	302·3	..	..	296·9	..	..	299·6	0·0	..	3	..
966	Port Moresby	9 29	147 9	39	..	1012·7	+1·3	301·6	..	..	295·7	..	..	298·7	−0·9	..	6	..
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	261	..
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1009·7	1009·9	+0·2	303·6	305·2	16, 25, 27	297·6	295·8	17th, 19th	300·6	+0·3	..	121	..
970	Ocean Island	0 52	169 36	25·6	1005·7	1008·7	+0·1	304·6	305·8	1, 7, 29	297·1	295·8	11, 20, 31	300·8	−0·3	*300·0*	162	..
		S.	E.														mm.	mm.

OCTOBER—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																	..	..
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	1012·0	1016·2	−0·4	301·2	304·7	11th	292·3	288·0	5th	296·8	−0·7	..	64	..
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1007·4	1012·8	0·0	303·7	305·6	18th	295·9	292·1	22nd	300·0	..	..	45	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	1012·0	1013·2	−0·7	296·7	303·0	23rd	287·0	284·2	10th	291·9	+1·1	*291·5*	0	..
1022	Arequipa	16 22	71 33	2451	761·9	..	+0·1	293·1	295·2	17th	281·8	277·4	1st	287·5	+0·2	*287·2*	0	..
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	299·0	306	11, 12, 14	281·2	275	1st, 2nd	290·1	−1	..	51	..
1025																		
1026	Cuyaba	15 36	56 0	235	991·6	1018·3	+0·9	306·0	308·7	..	297·7	293·1	..	301·9	+1·3	..	36	..
1027	Bello Horizonte	19 55	43 56	857·0	918·1	1013·4	..	301·7	306·0	27th	288·5	283·6	21st	295·1	..	..	82	..
1028	Caetite	14 2	42 37	900	913·7	1013·3	..	..	307·0	..	..	285·9	..	295·6	..	..	23	..
1029	Ondina	13 12	38 30	46·6	1009·3	1014·7	..	..	307·8	17th	..	293·5	..	298·1	..	..	232	..
1030	Aracaju	10 55	37 4	4·3	1013·8	1014·3	..	..	303·2	..	..	295·7	..	299·3	..	..	45	..
1035	St. Helena	15 57	W 5 40	632	946·9	1019·3	−0·6	291·9	294·7	23rd	285·1	284·1	5th, 13th	288·6	+0·9	*288·2*	42	..
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	859·7	..	−0·3	305·1	310·2	30th	287·2	278·8	18th	296·2	+2·0	..	15	..
1043	Salisbury, Rhodesia	17 49	31 3	1487	858·2	..	+1·8	304·8	308·3	11th	285·6	278·8	17th	295·2	+1·0	..	42	..
1044	Zomba	15 23	35 18	954	907·8	1013·4	+0·9	304·3	306·3	27th	287·8	285·2	1st	296·1	−0·1	*294·0*	39	..
1045	Tamatave	18 9	49 26	4	1019·3	1019·7	+3·1	302·8	304·8	31st	295·3	293·6	1st	299·1	+1·8	..	48	..
1046	Tananarivo	18 55	47 32	1400	867·1	..	+1·1	300·7	305·0	24th	286·0	280·7	2nd	293·4	−0·3	292·3	52	..
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1014·9	+0·6	301·8	303·7	2nd	296·7	295·2	14th	299·2	−0·3	..	41	..
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1010·6	1011·2	+1·0	304·5	305·3	..	296·1	294·5	..	300·3	+0·1	..	9	..
1058																		
1061	Derby	17 18	123 40	16·2	..	1012·9	+2·1	306·8	311·6	15th	295·6	290·2	2nd	301·2	−0·9	..	0	..
1062	Hall's Creek	18 13	127 46	373·6	..	1011·5	+0·7	310·0	313·6	29th	293·4	281·9	3rd	301·8	+0·3	..	1	..
1063	Port Darwin	12 28	130 51	29·6	..	1011·8	+1·9	306·6	309·1	30th	297·6	295·3	3rd	302·1	−0·7	*301·1*	14	..
1064	Daly Waters	16 16	133 23	210·6	..	1010·1	..	310·6	313·6	29th	294·4	285·5	1st	302·5	−0·5	*302·0*	0	..
1065	Mein	13 13	142 57	121·9	..	1011·9	..	306·2	311·0	17th	294·0	289·4	1st	300·1	..	..	12	..
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	307·1	315·6	30th	291·9	287·3	1st	299·5	..	..	0	..
1067	Samarai	10 37	150 40	6·4	..	1009·8	−1·5	..	..	..	295·7	..	..	..	..	..	190	..
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1015·2	+0·6	298·8	302·4	2nd	294·0	291·3	2nd	296·4	−1·0	..	282	..
		° ′ S.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	298·0	299·7	15th, 29th	291·7	286·9	19th	294·8	..	..	29	−74
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1018·7	1022·3	..	294·4	297·6	31st	287·8	285·2	11th	291·1	..	*290·7*	18	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1013·0	1016·0	−0·7	290·3	292·8	18th	282·8	279·6	30th	286·6	−0·1	*286·7*	0	0
1122	Puerto de Antofagasta	23 39	70 25	5	1015·8	1016·4	+1·3	298·0	298·7	29th	284·5	283·5	20th	291·3	+0·5	*290·5*	0	−2
1125	Goya	29 9	59 15	64	1009·3	1016·9	+0·7	300·8	308·5	23rd	288·9	282·2	29th	294·8	+1·2	*294·6*	102	−15
1126	Porto Alegre	30 2	51 13	15	1016·0	1017·8	..	296·5	305·8	23rd	287·7	281·0	20th	292·1	..	..	87	+23
1127	Curityba	25 26	49 16	908	914·3	1016·3	−0·1	297·4	305·6	..	283·7	274·5	..	290·6	+0·9	*290·0*	82	−73
1128	Rio de Janeiro	22 54	W43 10	64	1008·1	1015·6	+1·1	297·5	304·8	20th	292·4	288·1	20th	295·0	−0·9	*294·6*	57	−24
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141	Johannesburg	26 11	28 4	1874	..	..	..	295·3	300·2	11th	283·6	278·0	16th	289·5	+0·2	*289·2*	117	+46
1142	Kimberley	28 42	28 47	1202	882·8	..	+0·6	300·3	307·3	28th	282·9	276·9	1st	291·6	−0·1	291·6	13	−12
1142*a*	Pretoria	25 45	28 11	1338	870·6	..	+0·5	300·2	305·8	5th	284·1	276·9	1st	292·1	−0·6	..	112	+48
1143	Durban	29 52	30 57	14·3	1016·2	1017·9	−1·6	293·9	296·9	29th	289·4	285·2	24th	291·7	−2·1	..	129	+20
1144	Lorenzo Marques	25 58	32 36	59	..	1017·0	+0·4	300·5	311·0	3rd	290·4	286·2	18th	295·4	−0·4	294·9	79	+14
1147	Mauritius	20 6	57 33	54·3	1011·9	1018·3	+0·2	300·4	302·7	17th	290·6	287·6	9th	295·5	−0·1	295·1	26	−6
1148																		
1159	Onslow	21 43	114 57	4·3	..	1013·2	+0·4	303·7	308·1	31st	289·1	286·6	2nd, 3rd	296·4	−0·3	..	0	0
1160	Peak Hill	25 38	118 47	588·3	..	1011·3	−1·2	303·2	307·7	17th	288·3	283·0	26th	295·8	+0·9	..	0	−3
1161	Nullagine	21 53	120 5	385·6	..	1012·1	+0·5	308·0	311·0	18th	290·6	279·1	2nd	299·3	+0·7	..	0	0
1162	Laverton	28 40	122 23	466·3	..	1014·3	−0·3	301·1	307·7	8th	286·4	280·5	15th	293·8	+1·3	..	1	−7
1163	Alice Springs	23 38	133 37	587·0	..	1011·4	−0·5	305·6	310·2	21st	288·6	280·2	1st	297·1	+0·8	*297·1*	8	−11
1164	William Creek	28 55	136 21	76·2	..	1014·2	..	303·1	313·3	10th	288·7	281·9	15th	295·9	..	*295·7*	44	+35
1165	Boulia	22 55	139 38	145·7	..	1014·0	..	308·4	312·5	22nd	289·1	279·6	1st	298·8	..	..	12	−3
1166	Mitchell	26 32	147 52	337·1	..	1015·5	..	303·5	308·6	26th	284·9	277·4	18th	294·2	..	..	29	−11
1167	Rockhampton	23 24	150 30	11·3	..	1017·3	..	303·3	309·7	29th	289·8	286·9	15th	296·6	..	..	0	−39
1168	Brisbane	27 28	153 2	41·7	..	1017·3	+1·6	300·5	307·6	15th	288·4	284·7	2nd, 5th	294·5	+0·5	..	20	−48
1169	Noumea	22 16	166 27	9	1008·7	1009·7	..	301·7	303·0	17, 26, 29	291·6	290·0	4th	296·7	+1·5	..	31	−25
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′ S.	° ′ E.															

OCTOBER—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	1021·5	1022·7	+0·7	289·5	293·3	27th	283·6	281·9	5th	286·5	−0·3	..	43	+1
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1012·3	1017·1	−0·4	292·1	304·3	16th	283·2	281·5	10th	287·7	−1·3	*286·3*	1	−9
1222	Santiago	33 27	70 42	520	955·9	1016·6	+0·2	295·6	304·2	16th	279·8	273·8	10th	287·7	0·0	286·4	1	−13
1223	Cordoba	31 25	64 12	439	965·5	1016·2	−0·4	298·4	307·6	22nd	284·5	277·1	29th	291·4	+0·8	291·1	16	−44
1224	Buenos Ayres	34 16	64 11	25·2	1014·2	1017·2	+1·1	293·0	299·2	31st	284·2	276·6	29th	288·6	−2·1	*288·1*	142	+52
1225	Rio Grande	32 2	52 6	2·3	1016·3	1016·6	−1·8	293·0	300·7	23rd	288·3	281·9	2nd	290·7	−0·1	..	82	+6
1226	Montevideo	34 55	W56 13	29·3	..	1017·6	+3·0	..	297·4	31st	..	281·9	20th	..	..	288·5	92	−1
1239	Cape Town	33 56	E18 29	12	1017·3	1018·7	+1·3	293·8	303·5	16th	284·4	280·6	3rd	289·1	0·0	*288·1*	38	−6
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	21	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	295·0	306·9	16th, 17th	283·5	277·4	24th	289·3	−1·8	..	26	−10
1242	East London	33 2	27 55	10·1	1016·0	1017·2	+0·1	294·4	298·0	11th, 30th	286·8	281·9	1st	290·6	+0·1	..	35	−23
1259	Perth (Observatory)	31 57	115 51	60·0	..	1016·9	0·0	292·7	305·4	1st	284·1	279·7	10th	288·4	−0·6	..	84	+31
1260	Katanning	33 42	117 35	309·7	..	1014·5	−0·9	292·6	302·1	1st	280·9	274·9	10th	286·7	−0·1	..	20	−22
1261	Coolgardie	30 57	121 10	423·3	..	1014·5	−0·3	297·3	306·8	8th	283·4	278·8	26th	290·4	−0·1	..	34	+16
1262	Eucla	31 45	128 58	4·6	..	1014·9	−0·2	296·0	310·8	9th	285·3	278·3	6th	290·7	+0·6	..	23	+6
1263	Streaky Bay	32 48	134 13	13·1	..	1016·6	+1·7	296·8	309·1	9th	285·4	280·8	17th	291·1	+1·0	..	49	+26
1264	Adelaide	34 56	138 35	42·7	..	1016·1	+0·4	296·8	309·1	9th	285·1	278·6	31st	290·9	+1·3	*290·6*	62	+16
1265	Melbourne	37 49	144 57	35·1	..	1015·6	+0·9	292·8	304·3	10th	282·6	276·9	9th	287·7	+0·6	*287·5*	37	−31
1266	Bourke	30 13	145 58	110·1	..	1017·9	+1·6	303·7	311·7	13th	288·3	279·8	17th	296·0	+1·4	..	17	−10
1267	Sydney	33 51	151 13	44·5	..	1016·1	+1·4	295·9	306·3	22nd	287·6	282·9	18th	291·8	+1·3	..	29	−43
1268	Lord Howe Island	31 32	159 4	..	..	..	..	295·2	297·8	27th	287·8	280·8	3rd	291·5	..	..	93	−50
1271	Auckland	36 50	174 50	38·1	..	..	..	290·2	295·2	30th	284·1	279·4	10th	287·2	+0·2	..	94	+5
		° ′ S.	° ′ E.															

OCTOBER—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	176 42	103·6	..	1014·0	+6·4	286·6	290·8	29th	280·4	274·7	4th	283·5	+0·3	..	66	+23
1321	Punta Corona	41 51	73 50	25	1010·7	1013·7	−4·1	285·1	291·5	18th	279·5	276·3	9th	282·3	−0·6	*281·7*	76	−50
1322	Punta Galera	40 1	73 44	40	1015·4	1020·3	+1·8	286·1	294·0	18th	280·3	277·6	8th	283·2	−0·1	*282·7*	78	−41
1324	Bahia Blanca	38 45	W62 12	20	1013·8	1016·2	+2·9	294·9	301·2	30th	282·5	275·8	7th	288·7	+0·5	*288·4*	59	+3
1365	Hobart	42 53	E147 22	53·9	..	1010·3	0·0	291·2	302·2	10th	281·5	275·8	16th	286·3	+1·0	*285·5*	49	−7
1366	Launceston	41 27	147 10	9·4	..	1011·2	0·0	291·7	298·5	26th	280·7	275·6	16th	286·2	+1·1	..	56	−12
1370	Dunedin	45 52	170 31	76	..	1009·2	+0·7	288·8	297·7	27th	279·6	275·8	2nd	284·2	+0·8	..	92	+18
1371	Christchurch	43 32	172 38	7·6	..	1010·8	+0·5	290·3	300·7	29th	279·5	271·1	4th	284·9	+0·2	..	41	+2
1372	Wellington	41 16	174 46	2·4	..	1013·2	+1·5	288·2	294·7	14th	283·2	274·9	4th	285·7	+0·4	..	123	+15
		° ′ S.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas .	52 24 S.	75 6 W.	55	999·5	1005·3	+5·2	281·3	283·0	2nd	276·6	272·8	6th	279·0	+0·2	*278·2*	346	+91
1422	Puerto de Punta Arenas .	53 10	70 54	4	1003·1	1003·6	+4·3	283·4	288·5	20th	276·4	272·0	6th	279·9	+0·3	*279·6*	20	+ 4
1423	Punta Dungeness . .	52 24	68 25	5	1002·6	1003·2	+0·6	283·1	288·6	18th	277·8	274·6	5th, 6th	280·5	+1·8	*279·5*	14	..
1425	Cape Pembroke . . .	51 41	57 42	15	1000·5	1003·0	−1·9	282·2	287·4	20th	275·2	271·9	30th, 31st	278·7	+0·7	279·0	..	−10
1426	Stanley, Falkland Is. . .	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	33	−47
1429	S. Georgia (Cumberland Bay)	54 14	W36 34	3·7	992·4	992·9	−7·2	278·8	287·4	4th	271·7	268·0	8th	275·3	+0·1	*275·0*	34	..
1467	Macquarie Is. . . .	54 30 S.	E158 57 E.	9	..	994·1	+1·4	278·3	280·1	16th	275·1	269·1	1st	276·7	..	276·8	..	..

OCTOBER—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys . . .	60 44 S.	44 39 W.	6·9	988·4	989·3	−2·3	..	277·5	..	..	252·9	..	..	−1·2	267·7	30	3
1528		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—OCTOBER 1913.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction and Force.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.
1	SSE	..	S 3	Calm 0	Calm 0	S 6	..	..	Calm 0	N 3	Calm 0	NE 1
2	SE by S	..	SW 4	Calm 0	N 2	S 2	..	..	SE 1	NE 1	S 4	N 2
3	SE	..	E 2	Calm 0	Calm 0	SW 4	..	..	SE 1	S 2	SW 3	E 3
4	SE by E	4·2	ESE 2	Calm 0	N 2	S 2	..	..	SE 2	W 2	S 1	S 3
5	SE	7·1	E 2	E 2	Calm 0	S 4	..	..	SE 2	S 2	Calm 0	NE 2
6	SE	9·6	SE 2	S 2	Calm 0	S 4	..	..	SE 3	E 1	SE 1	NE 2
7	SE by S	8·8	SE 3	S 3	N 2	Calm 0	..	..	SE 3	E 2	Calm 0	E 3
8	SSE	6·7	SE 3	E 3	N 4	S 2	..	..	E 1	E 2	E 1	NE 4
9	SE	7·1	E 3	E 3	Calm 0	W 6	..	..	E 2	E 1	Calm 0	NE 3
10	SE by S	7·9	E 5	E 3	N 2	S 2	..	..	SE 2	W 2	W 1	E 3
11	SE by S	10·8	SE 3	SE 3	Calm 0	Calm 0	..	..	SE 3	W 2	W 1	E 2
12	SE	8·8	S 4	SE 2	Calm 0	W 4	..	..	SE 4	N 1	Calm 0	E 3
13	SE by E	..	ESE 2	NE 2	SW 2	S 2	..	..	SE 4	W 2	Calm 0	E 2
14	SE	..	ENE 3	E 2	N 2	SW 4	..	..	SE 3	SE 2	Calm 0	Calm 0
15	SE	4·2	ESE 4	E 4	Calm 0	Calm 0	..	..	SE 2	SW 2	W 2	NE 3
16	SSE	8·8	SE 3	Calm 0	Calm 0	Calm 0	..	..	Calm 0	S 1	SW 4	Calm 0
17	SSE	12·5	S 3	SW 1	Calm 0	S 4	..	..	W 2	SW 2	W 3	Calm 0
18	SSE	10·8	SW 1	Calm 0	N 4	SW 2	..	..	SE 1	W 3	W 1	Calm 0
19	SE by S	12·1	E 2	Calm 0	N 2	Calm 0	..	..	W 1	NNW 2	NW 2	Calm 0
20	SE by S	8·8	SW 1	Calm 0	N 4	SW 4	..	..	SE 3	W 2	W 1	E 1
21	SSE	6·7	SW 2	S 2	N 2	SW 4	..	..	Calm 0	W 5	Calm 0	E 3
22	SSE	7·1	S 2	Calm 0	N 2	S 2	..	..	SE 4	W 1	Calm 0	E 3
23	SE by S	5·8	SE 2	E 3	N 2	S 4	..	..	SE 4	NE 2	Calm 0	E 3
24	SSE	5·8	SE 3	SE 3	Calm 0	Calm 0	..	..	SE 4	E 2	SE 1	NE 2
25	SE by S	6·3	SE 3	Calm 0	N 4	S 4	..	..	SE 3	E 2	SE 4	Calm 0
26	S by E	6·3	SE 3	SE 2	Calm 0	SW 4	..	..	SE 3	SE 1	Calm 0	NE 3
27	SE by S	3·8	E 4	E 3	Calm 0	W 4	..	..	SE 2	E 1	Calm 0	NE 3
28	SE by S	6·3	ESE 4	Calm 0	Calm 0	W 2	..	..	SE 2	NE 1	Calm 0	NE 3
29	SSE	10·8	E 2	Calm 0	Calm 0	Calm 0	..	..	SE 3	SW 1	SW 1	Calm 0
30	SE by S	8·3	SW 2	SE 2	N 2	S 2	..	..	SE 3	E 1	E 1	E 1
31	SSE	12·1	SE 4	SE 4	Calm 0	SW 2	..	..	SE 4	E 1	Calm 0	2·0
Mean for Month	..	8·0	..	2·8	..	1·6	..	..	2·3	..	1·8	1·0
Deviation from Normal	..	−0·7	..	..	..	1·2	..	2·6	..	−0·6	..	−0·7

* Direction and velocity in the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—OCTOBER 1913.

**Seas round Novaja Zemlya and Spitsbergen.*—" No information is available."

**Greenland Sea.*—" There was scattered ice off Angmagsalik on the 1st, and close ice at the mouth of Tassiusak on the 9th. The coasts of Iceland were ice-free (this is invariably the case in October)."

North Atlantic and Labrador.—" There were several icebergs in the *Belle Isle Strait*. The limits of icebergs were 48° N., 50° W., compared with 48½° N., 49° W. (average), and 45° N., 45° W. (extremes, 1901–16)."

**Davis Strait, Baffin Bay.*—" The west coast of Greenland was ice-free from Cape Farewell to North of Upernivik (October being normally the most ice-free month)."

* " *Bering Strait* was open."

* *Isforholdene i de arktiske Have, 1913* and *1914*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, NOVEMBER 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF NOVEMBER 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

NOVEMBER—ZONE 1. Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay . .	N. 76 30	W. 68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik . . .	72 47	W56 7	18·9	1001·1	1003·5	−5·0	260·4	270·3	1st	255·6	249·2	27th	258·0	−5·0	*258·2*	8	−15
126																		
139	Spitsbergen . . .	78 2	E 14 14	11·4	999·9	1001·4	−4·5	..	275·0	25th	262·3	251·2	14th	..	..	265·3	22	..
140																		
141	Gjesvaer . . .	71 6	25 22	6·5	998·7	999·5	−5·3	..	280·7	1st	270·1	263·8	18th	..	+1·0	*272·1*	23	−48
142	Mehavn . . .	71 1	27 47	6·4	999·6	1000·4	..	..	279·2	1st	269·3	262·0	18th	..	..	*271·6*	11	−70
143	Vardö . . .	70 22	31 8	10·0	1001·5	1002·8	−3·2	..	277·0	1st	270·2	263·9	21st	..	+1·5	*272·2*	23	−37
144																		
147	Malye Karmakouly . .	72 23 N.	52 43 E.	14·8	1007·6	1009·6	+6·2	..	272·0	27th	..	..	..	260·7	−1·5	*260·7*	7	−6
148																		

NOVEMBER—ZONE 2. Between Latitude 70° N. and 60° N.

203	Nome	N. 64 30	W. 165 24	4·6	997·3	997·9	..	267·9	275·8	1st	261·7	249·7	28th	264·8	..	..	47	..
204																		
205	Tanana	65 12	152 0	?	992·2	..	..	259·6	268·6	12th	250·9	238·0	28th	255·2	..	..	28	..
206																		
207	Valdez	61 6	146 13	3·1	996·3	996·6	..	273·4	280·8	9th	256·6	255·8	29th	269·5	..	..	157	..
208	Eagle	64 46	141 12	248·4	969·5	1001·3	..	264·0	281·9	2nd	254·6	239·7	17th	259·3	..	..	7	−6
209	Dawson	64 4	139 20	328	963·4	1005·8	−9·2	261·4	281·3	2nd	253·2	238·6	17th	257·3	+2·5	..	21	+2
210	Carcross	60 11	134 34	662	..	..	..	271·1	280·8	..	262·3	244·1	..	266·7	..	..	41	..
211																		
212	Fort Simpson . . .	61 52	120 43	129	..	..	..	..	..	..	..	..	..	..	..	..	..	..
213	Hay River . . .	60 51	115 20	161	987·5	1009·5	..	265·1	276·3	3rd	256·0	238·6	18th	260·6	+1·4	..	48	..
214	Fort Resolution . .	61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	27	..
225																		
226	Jacobshavn . . .	69 13	51 2	12·6	998·2	999·8	−6·9	262·8	273·2	2nd	258·1	251·4	29th	260·5	−3·4	*260·6*	5	−12
229	Godthaab . . .	64 11	51 44	9·0	995·1	996·3	−7·4	267·2	275·7	2nd	263·0	256·6	27th, 28th	265·1	−3·4	*264·9*	16	−35
230	Angmagsalik . . .	65 37	37 34	31·7	987·0	991·0	−10·3	269·5	276·6	4th	264·3	257·3	30th	266·9	..	*267·0*	20	..
231																		
232	Stykkisholm . . .	66 5	22 46	11·3	986·4	987·9	−15·5	274·9	280·5	27th	270·9	265·3	30th	272·9	−0·5	*273·2*	82	+24
233	Vestmanno . . .	63 26	20 15	7·7	985·6	986·4	−13·1	278·0	282·5	26th	272·4	268·1	30th	275·2	−0·5	*275·3*	139	+18
234	Grimsey (Akureyri) .	66 33	17 58	22·0	988·6	991·3	−13·8	275·4	280·1	27th	271·1	266·3	30th	273·3	+0·6	*273·8*	8	−36
235	Berufjord . . .	64 40	14 19	18·0	985·1	987·3	−17·1	277·0	281·2	27th	270·7	265·1	30th	273·9	+0·3	*274·1*	167	+50
236	Thorshavn . . .	62 3	6 45	25·7	989·1	992·2	−14·2	281·2	284·0	23rd	276·2	272·6	30th	278·7	+1·1	*278·8*	210	+35
	Lerwick . . .	60 9	W. 1 8	18·0	995·1	997·2	−10·3	282·5	284·1	2, 17, 29	278·8	275·8	22, 26, 30	280·7	+2·0	*281·0*	179	..
237																		
238	Bergen (Met. Obs.) .	60 24	E 5 19	44·4	996·3	1001·7	−7·4	..	285·3	13th	277·9	274·8	10th	..	+3·1	*279·7*	317	+111
239	Christiansund . .	63 7	7 45	17·8	995·9	998·1	−9·2	..	284·2	1st	277·4	275·4	25th	..	+3·1	*279·5*	164	+53
240	Trondhjem . . .	63 26	10 25	39·5	994·4	999·2	−9·3	..	284·7	1st	274·3	271·5	17th	..	+3·5	*276·9*	63	−45
241	Bodö	67 17	14 24	20·5	994·2	996·7	−9·5	..	281·4	1st	274·5	271·2	20th	..	+2·9	*276·5*	104	−22
242	Haparanda . . .	65 50	24 9	9·2	1001·2	1002·4	−7·7	273·4	278·0	1st	269·2	260·0	24th	271·3	+3·4	*271·4*	51	+4
	Helsingfors . . .	60 10	24 57	11·7	..	1005·8	−6·8	..	281	..	..	268	..	275·9	+2·7	*275·8*	87	+26
242a																		
243	Kuopio	62 54	27 40	99·7	..	1005·9	−7·0	..	280	..	..	264	..	272·8	+2·7	*272·7*	75	..
244	Kola	68 53	33 1	6·7	1004·2	1005·0	−3·6	269·9	276·0	26th	264·4	245·5	19th	267·2	+1·2	*267·3*	13	−2
245	Petrozavodsk . . .	61 47	34 23	38·9	..	1008·3	−5·1	..	280·5	2nd	270·8	262·2	18th	274·0	+4·2	*273·9*	..	..
246	Arkhangelsk . . .	64 33	40 32	6·7	999·5	1008·4	−2·5	..	276	..	..	255	..	268·2	+1·0	*268·1*	29	+2
247	Velsk	61 5	42 7	? 83	..	1010·0	..	272·6	279·3	2nd	267·7	252·6	18th	270·2	..	*270·4*	46	..
248	Oust-Tsylma . . .	65 27	52 10	? 25	..	1010·6	+1·0	..	274	..	..	242	..	263·0	+0·2	*262·9*	..	..
	Troitsko-Petcherskoe .	62 42	56 13	? 123	997·4	1013·3	..	..	274·3	11th	261·9	249·2	28th	265·4	..	*265·3*	100	..
249																		
250	Berezov	63 56	65 4	39·9	1011·0	1016·3	+2·0	..	273·6	12th	257·5	248·3	17th, 18th	261·4	+2·8	*261·3*	29	+13
251	Obdorsk	66 31	66 35	23·7	1012·4	1015·5	+4·1	..	271·0	24th, 25th	253·3	241·4	20th, 21st	257·2	−0·2	*257·1*	23	+11
252	Sourgout	61 15	73 24	? 40	1013·4	1018·7	+2·7	..	274·1	19th	256·4	241·9	21st	261·5	+1·5	*261·3*	39	+18
253																		
254	Tounroukhansk . . .	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Doudinka . . .	69 7	87 0	? 20	1013·8	1016·5	..	..	267·4	27th	247·2	231·1	21st	251·4	..	*251·4*	11	..
261																		
262	Olekminsk	60 22	120 26	? 135	1002·7	1021·3	−2·6	..	267·4	2nd	244·8	232·2	14th	249·5	−0·6	*249·4*	17	..
263	Iakoutsk	62 1	129 43	? 108	1005·5	1020·9	−3·5	..	262·5	2nd	239·2	228·9	24th	242·8	−0·5	*242·7*	10	+1
264	Verkholiansk . . .	67 33	133 24	? 100	1003·0	1017·8	+1·1	..	257·8	2nd	229·5	221·4	25th	233·6	−1·7	*233·6*	7	+1
	Oust-Maiskoe . . .	60 25	134 29	? 100	..	..	..	..	260·9	..	234·7	222·9	..	238·1	..	*238·0*	7	..
272	Novo-Mariinskii Post .	N. 64 45 ° ′	E. 177 33 ° ′	5·2 metres.	.. mb.	.. mb.	.. mb.	.. a.	.. a.	..	.. a.	.. a.	..	.. a.	.. a.	.. a.	.. mm.	.. mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 3. Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbour	53 54	166 32	4·0	..	1005·1	..	277·8	284·1	9th	272·8	268·6	27th	275·3	..	..	127	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	993·9	997·3	−6·6	280·9	287·4	2nd	274·8	269·1	sev. dates	277·9	+1·2	..	302	+53
310	Prince Rupert	54 18	130 18	52	..	1003·0	..	281·5	290·8	8th	276·3	271·9	17th, 18th	278·9	..	..	371	−20
311	Barkerville	53 2	121 35	1274	..	1011·5	..	278·6	287·4	11th	271·8	263·6	29th	275·2	−0·9	*275·2	60	−10
312	Kamloops	50 41	120 29	380	..	1011·2	−5·4	279·5	290·2	15th	272·3	265·3	15th	275·9	+1·2	*275·8	18	..
313	Calgary	51 2	114 2	1033	..	1009·1	−8·2	279·4	288·6	15th	266·3	256·9	21st	272·9	+3·5	*272·9	25	+ 6
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	..	1010·1	−4·8	274·9	285·8	5th	264·2	256·3	19th	269·6	+4·2	*269·2	8	−17
316	Qu'Appelle	50 30	103 47	645	..	1011·8	−4·8	276·3	284·7	16th	266·4	258·0	14th, 22nd	271·3	+5·0	*270·6	8	+ 1
317	Minnedosa	50 15	99 50	518	..	1014·9	..	276·1	285·2	5th, 6th	265·0	252·1	14th	270·6	+3·6	*270·0	27	..
318	Berens River	52 18	97 23	216	..	..	..	274·7	281·9	..	265·1	254·7	..	269·9	..	*269·3	24	+33
318a	York Factory	57 0	92 28	11	1011·9	1013·3	−2·3	..	..	..	256·7	241·9	26th	..	..	..	48	..
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	1012·7	1013·9	..	274·2	281·3	6th, 7th	265·4	256·3	2, 26, 27	269·8	+2·9	..	98	+59
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1006·7	..	..	269·2	275·8	12th	260·0	245·2	27th	264·6	..	..	93	−96
326	Point Riche	50 42	57 25	10·7	..	..	..	..	285·8	..	..	263·6	..	273·9	+0·7	..	19	−72
327	Belle Isle	51 53	55 23	133	994·1	1011·0	−0·5	272·2	279·1	11th	266·2	253·6	27th	269·2	−1·4	..	20	..
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1008·4	1010·1	−2·7	284·7	286·9	10th	280·6	276·3	22nd	282·6	+0·9	283·0	177	+35
335	Aberdeen	57 10	2 6	27·4	999·5	1002·8	−7·6	283·0	287·4	17th	278·1	271·9	6th	280·6	+2·1	280·7	45	+ 8
336	Greenwich	51 28	W 0 0	48·5	1007·2	1013·3	−1·0	285·3	288·6	17th	278·6	270·8	23rd	281·9	+2·7	282·1	64	..
337	Uccle	50 48	E 4 22	100	1002·9	1015·2	+0·3	284·1	288·8	10th	279·2	275·6	23rd	281·7	+2·7	281·7	81	+11
338	De Bilt	52 6	5 11	3·0	1012·9	1013·3	−1·9	284·3	288·2	1st	278·5	271·6	23rd	281·4	+2	281·4	70	+10
338a	Hamburg	53 33	9 59	26·0	1009·1	1012·2	−2·9	283·2	288·5	1st	278·8	271·5	24th	281·0	+3·4	*280·8	64	+14
339	Copenhagen	55 41	12 36	5·0	1008·8	1009·4	−3·8	282·2	285·2	1st	278·5	275·0	24th	280·4	+4·1	*280·6	64	+ 5
340	Potsdam	52 23	13 4	84·9	1004·0	1014·5	−0·9	282·3	289·5	1st	277·2	271·1	25th	279·8	+3·7	279·5	41	+ 5
340a	Upsala	59 51	17 38	24·0	1002·3	1005·2	−6·7	278·7	282·6	30th	274·0	268·5	24th	276·4	+3·6	276·5	47	+13
341	Warsaw	52 15	21 1	120	..	1014·8	−2·1	..	287	..	..	271	..	278·6	+3·9	*278·5	49	+13
342	Jurjev	58 23	26 43	74·5	..	1007·9	−6·3	..	283	..	..	265	..	275·8	+3·6	*275·7	58	..
343	Petrograd	59 56	30 16	4·8	..	1007·1	−6·6	..	282	..	..	268	..	275·0	+3·5	*275·0	47	+11
344	Kiev	50 27	30 30	182·9	..	1016·8	−2·5	..	288	..	..	266	..	277·3	+3·1	*277·2	76	+20
344a	Moscow	55 45	37 34	156	..	1012·2	−6·1	..	283	..	..	264	..	275·4	+4·7	*275·3	69	+24
345	Saratov	51 32	46 3	59·9	..	1018·7	−2·9	..	284	..	..	265	..	275·8	+4·3	*275·7	22	+18
346	Kazan	55 47	49 8	79·8	..	1015·5	−4·5	..	281	..	..	261	..	274·2	+5·1	*274·2	44	+18
347	Orenburg	51 45	55 6	114·1	..	1021·8	−2·5	..	280	..	..	262	..	273·5	+4·8	*273·4	84	+13
348	Perm	58 1	56 15	163·0	..	1016·0	−2·2	..	276	..	..	255	..	270·7	+3·8	*270·6	48	..
349	Ekaterinburg	56 50	60 38	288·9	..	1019·5	−1·0	..	277	..	..	256	..	270·1	+4·3	*269·9	14	− 2
350	Tobolsk	58 12	68 14	108·3	1006·6	1020·6	..	..	275·4	17th	264·6	250·9	3rd	267·9	+4·6	*267·7	9	+12
351	Akmolinsk	51 12	71 23	? 347	983·2	1027·4	−2·4	..	274·4	7th	262·8	251·2	11th	267·2	+1·5	*267·1	23	− 6
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	12	+13
353	Barnaoul	53 20	83 47	162·2	1008·0	1028·9	+0·3	..	277·5	2nd	248·5	120 39	11th	268·8	+4·5	*268·6	36	+24
354	Tomsk	56 30	84 58	121·6	1008·4	1024·3	−0·7	..	274·1	9th	263·2	247·3	11th	266·4	+5·2	*266·2	63	..
355	Minousinsk	53 43	91 41	? 245	995·9	1027·1	..	..	277·4	21st	264·8	248·8	30th	268·4	..	*268·2	15	+ 4
356	Eniseisk	58 27	92 11	84·4	1012·0	1023·2	−1·4	..	273·5	9th	258·7	247·0	30th	262·7	+3·0	*262·5	63	+55
357	Irkutsk	52 16	104 19	467·0	967·1	1026·6	−2·5	..	280·0	1st	259·5	243·2	27th	264·7	+2·0	*264·5	16	..
358	Kirensk	57 47	108 7	? 263	991·2	1026·6	..	..	272·8	10th	249·0	230·5	22nd	254·6	..	*254·4	24	..
359	Tchita	52 2	113 30	663·7	938·8	1022·4	..	..	277·3	3rd	255·8	241·0	27th	261·4	..	..	2	+24
360	Blagoveshchensk Priisk	58 10	114 17	? 490	960·7	1026·2	..	..	267·5	10th	244·4	232·1	25th	250·7	..	*250·5	6	− 1
360a	Nertchinsk	51 59	116 35	484·3	959·8	1022·4	..	..	277·1	3rd	251·8	238·6	27th	258·6	+4·7	*258·4	6	..
361	Tygan Ourkan	54 5	124 46	? 359	972·2	1019·9	..	260·4	276·5	2nd	245·0	235·2	19th	252·7	..	*253·0	22	..
362	Blagoveshchensk	50 15	127 38	133·6	1002·0	1019·6	..	..	278·4	22nd	255·8	246·9	27th	261·2	+1·2	*261·1	2	..
363	Paikanskii Sklad	50 11	130 7	? 145	..	..	..	..	275·6	3rd	250·0	235·1	27th, 29th	258·1	..	*258·0	? 3	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1007·1	1009·9	−4·5	..	272·1	3rd	255·4	244·8	27th	260·6	−2·2	*260·6	30	+ 2
366	Okhotsk	59 21	143 17	6·0	1005·9	1006·7	−7·3	260·7	274·8	15th	253·5	245·0	22nd	257·1	−1·8	*257·0	6	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	991·4	1002·3	−1·7	273·0	277·7	6th	267·9	260·4	28th	270·5	−1·4	..	28	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N. NOVEMBER—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
411	Victoria, B.C.	° ′ N. 48 24	° ′ W. 123 19	metres. 25·9	mb. ..	mb. 1011·5	mb. −3·4	a. 282·3	a. 286·2	3rd	a. 277·1	a. 272·6	21st	a. 279·7	a. +1·0	a. 279·8	mm. 119	mm. − 35
412	Portland, Oregon	45 32	122 41	46·6	1009·5	1014·9	−4·4	284·1	288·6	2nd	279·1	274·1	14th	281·6	+1·1	*281·3	137	− 28
413	Macleod	49 44	113 24	954	..	..	..	280·6	290·8	10th	271·1	260·2	13th	275·8	+4·7	*275·7	5	− 13
414	Helena	46 34	112 4	1253	871·7	1015·9	−3·4	280·8	288·0	16th	271·9	266·3	21st	276·3	+2·9	*276·1	13	− 5
414a	Salt Lake City	40 46	111 54	1329	868·6	1017·9	−2·0	284·1	293·0	10th	275·2	266·9	22nd	279·7	+2·0	*279·5	31	− 5
415	Cheyenne	41 8	104 48	1856	812·7	1017·9	−0·3	283·0	291·9	10th	270·8	263·6	30th	276·9	+2·3	*276·6	9	0
416	North Platte	41 8	100 45	859	918·0	1018·9	+0·3	286·9	296·9	11th	270·8	263·0	23rd	278·9	+4·2	*278·4	4	− 8
416a	Bismarck	46 47	100 38	510·6	955·6	1017·6	−0·7	280·8	290·8	5th	268·6	260·2	14th	274·8	+5·1	*274·5	4	− 13
417	Winnipeg	49 53	97 7	231·6	..	1014·9	−2·7	276·4	286·3	5th	268·6	258·9	10th	272·4	+5·2	*271·7	19	− 8
418	Duluth	46 47	92 6	345·1	974·6	1016·9	−0·3	279·1	289·7	21st	270·8	258·6	10th	275·0	+3·5	*275·0	19	− 20
419	Port Arthur	48 27	89 12	196·3	..	1015·6	−1·7	278·0	285·2	5th	269·3	255·8	10th	273·7	+3·5	*273·6	32	+ 1
420	Chicago	41 53	87 37	250·9	988·8	1019·3	+1·0	284·7	295·2	21st	278·0	266·3	11th	281·4	+4·4	*281·4	37	− 25
421	Toronto	43 40	79 24	106·7	..	1018·6	+2·0	282·3	290·6	23rd	275·1	270·2	11th	278·7	+2·7	278·3	97	+ 33
422	New York	40 43	74 0	95·7	1009·1	1021·0	+2·0	285·2	294·1	20th	277·4	270·8	11th	281·3	+1·6	281·6	49	− 38
423	St. John, N.B.	45 17	66 4	21·3	..	1018·9	+5·0	280·7	289·6	9th	273·8	261·9	28th	277·2	+1·6	*277·3	35	− 85
424	S. W. Point, Anticosti	49 24	63 35	12·2	1013·6	1015·2	+2·4	275·2	281·9	10th	267·6	257·4	27th	271·4	..	..	87	..
425	Sable Island (Main Station)	43 57	60 6	7·6	..	1019·6	..	282·3	288·0	10th	277·3	270·8	28th	279·8	+0·3	..	50	− 94
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1011·5	−0·7	278·6	287·4	11th	271·8	263·6	29th	275·2	−0·9	..	60	− 93
435	Madrid	40 24	3 41	655·4	947·2	1024·6	+5·9	288·5	292·9	2nd, 3rd	277·5	271·7	23rd	283·0	+1·3	282·3	30	− 19
436	Nantes	47 15	W 1 34	41·4	1013·9	1019·0	+2·3	286·4	291·4	11th	281·0	274·1	24th	283·7	+2·3	*283·6	103	+ 23
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1011·5	1017·7	+1·4	295·0	291·0	10th	279·5	272·8	20th	282·2	+3·0	*281·8	70	+ 25
438	Marseilles	43 18	5 23	75·0	1010·3	1019·4	+4·6	289·3	294·2	2nd	281·3	274·4	27th	285·3	+1·8	*284·7	20	− 65
438a	Zürich	47 23	8 33	493·2	961·9	1021·1	+2·1	283·3	289·2	3rd	277·9	274·0	22nd	280·6	+3·6	280·2	103	+ 32
439	Rome	41 54	12 29	63·4	..	1019·9	+6·0	290·2	294	1st	277·6	272·4	22nd	279·9	+3·2	279·7	94	+ 51
440	Vienna	48 15	16 22	202·5	993·2	1018·0	+0·3	282·1	287·0	2nd	277	272·4	22nd	280·1	+1·4	*280·9	51	− 65
440a	Buda-Pesth	47 30	19 2	129·6	1003·2	1019·2	+1·1	283·5	291·9	1st	276·6	270·6	25th	280·1	+2·6	*279·6	32	− 21
441	Bucharest	45 25	26 6	82	1009·8	1020·0	−0·9	..	293·2	7th	..	269·0	22nd	279·5	+2·1	..	20	− 27
442																		
443	Odessa (University)	46 29	30 46	65·3	..	1019·4	−0·5	282·1	288·3	7th	276·4	268·5	27th	279·3	+0·7	*279·3	12	− 26
444	Kharkov (University)	50 0	36 14	140	..	1018·4	−2·5	..	287	..	..	264	..	276·5	+2·7	*276·4	47	+ 7
444a	Novorossiisk	44 40	37 49	37	..	1019·8	−0·9	..	292	..	..	272	..	283·0	+1·7	*282·9	70	+ 10
445	Tiflis	41 43	44 48	409	..	1022·4	−0·3	..	291	..	..	265	..	281·5	+0·8	*281·4	8	− 22
446	Astrakhan	46 21	48 2	−14	..	1022·7	−0·7	..	286	..	..	265	..	277·7	+1·4	*277·6	12	+ 2
447	Fort Alexandrovsk	44 31	50 16	24	1018·2	1021·1	−1·9	..	292	..	..	275	..	284·4	+0·6	*284·4	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1021·6	−0·8	..	..	..	..	..	..	..	..	..	..	..
449	Tachkent	41 20	69 18	479·2	967·4	1025·1	−1·6	286·3	293·7	13th	275·7	268·5	17th	281·0	+0·6	*280·3	43	+ 18
450	Tourgay	49 38	63 27	? 130	1009·2	1025·8	..	..	279·8	7th	269·0	259·2	3rd	271·9	..	..	18	..
451	Narynskoe	41 26	76 2	?2015	800·7	..	..	..	281·7	1st	262·0	253·5	20th	267·1	−2·1	267·1	16	+ 5
452	Vernyi	43 16	76 53	824·8	927·1	1026·8	−1·2	277·8	289·5	13th	..	..	..	272·7	+0·2	272·6	61	+ 18
461	Mukden	41 48	123 23	43·8	1019·7	1025·3	+1·0	279·7	289·8	5th	265·8	253·9	28th	272·8	+1·6	272·6	14	− 9
462	Joshin	40 40	129 11	4·0	1020·8	1021·3	+1·7	283·1	292·1	4th	271·7	260·5	28th	277·4	+0·9	277·1	60	+ 7
463	Vladivostok	43 7	131 54	26·8	1019·0	1022·4	+0·8	277·2	284·7	6th	268·2	255·9	27th	272·7	+1·4	272·8	15	+ 3
464																		
465	Ochiai	47 20	142 44	6·6	1012·0	1012·9	..	273·7	281·8	17th	263·5	254·2	27th	268·6	..	269·1	59	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1012·5	1015·8	+1·6	279·4	284·1	7th	271·7	265·7	29th	275·5	−1·6	276·2	65	− 18

NOVEMBER—ZONE 5 (Western Half). Between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
511	San Francisco	N. 37 48	W. 122 26	47·2	1011·8	1017·3	−1·7	288·6	295·2	7th	283·6	280·8	24th	285·9	−0·2	*285·4	158	+ 97
512	San Luis Obispo	35 18	120 39	61·3	1010·5	1017·6	−0·3	291·3	303·0	8th	281·9	275·2	24th	286·7	+0·2	*286·3	101	+ 58
513	Modena	37 48	113 54	1670	834·0	1017·3	−1·4	282·4	291·9	9th	271·3	263·6	23rd	277·0	+0·1	*276·7	39	+ 23
514	San Diego	32 43	117 10	26·5	1012·5	1015·6	−1·0	293·0	300·8	9th	285·2	281·9	23rd	289·0	+1·0	*288·7	57	+ 36
515	Santa Fé	35 41	105 57	2138	788·3	1017·9	+1·0	284·1	290·2	10th	273·6	269·7	21st	278·8	+2·3	*278·4	44	+ 25
516	Denver	39 45	105 0	1613	837·4	1017·3	−0·7	286·9	296·9	9th	283·6	275·8	9th	287·8	+3·4	*287·5	148	+117
517	Abilene	32 23	99 40	529·6	957·3	1018·6	+0·3	292·4	298·6	19th	280·2	270·8	9th	286·3	+5·0	*284·1	79	+ 5
518	Saint Louis	38 38	90 12	172·8	999·0	1020·0	+0·7	288·6	296·9	21st	280·2	270·8	9th	284·3	+5·0	*284·1	79	+ 5
519	Mobile	30 41	88 2	17·4	1020·0	1022·0	+2·4	294·7	299·7	16th	284·1	276·3	10th	289·3	+2·2	*289·0	95	0
520	Nashville	36 10	86 47	166·4	1003·0	1023·0	+3·0	290·8	296·3	21st	279·7	268·0	11th	285·1	+2·8	*285·0	47	− 51
521	Charleston	32 47	79 56	14·6	1021·3	1023·3	+3·4	291·3	298·6	23rd	282·4	273·0	11th	286·9	−0·6	*286·7	30	− 43
522	Washington	38 54	77 3	34·1	1017·6	1021·7	+1·7	286·9	297·4	20th	276·3	270·8	11th	281·8	+1·6	*281·8	56	− 13
523																		
524	Bermuda	32 17	64 46	46·0	1013·3	1018·7	+0·1	295·7	298·3	10th	289·9	283·6	25th, 26th	292·8	−0·3	293·1	289	+179
531	Horta	38 32	28 38	30	..	1024·2	+5·0	291·9	294	1st, 7th	288·9	285	10th, 11th	290·4	+0·3	..	48	− 39
532	Ponta Delgada	37 44	25 40	17	..	1024·4	+5·9	..	..	..	..	..	..	289·1	..	..	23	− 84
533	Madeira (Funchal)	32 37	16 54	25	1021·4	1024·4	+6·8	?291·0	?293·7	1st	?286·0	?283·5	22nd	?288·5	? −1·5	..	45	− 85
534	Lisbon	38 43	9 9	95·4	1012·5	1024·1	+6·4	290·0	292·8	2nd	284·8	280·7	26th	287·4	+0·6	*287·2	76	− 39
535	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
536	Gibraltar	36 6	5 21	16·2	1021·5	1023·3	+6·7	291·7	295·2	4, 11, 12	285·9	283·0	25, 27, 28	288·8	−0·1	*289·0	35	−127
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1015·0	1019·6	+2·8	294·0	301·5	12th	288·3	283·5	27th	291·2	+0·8	*290·9*	60	− 5
538	Palma	39 33	2 42	..	..	1022·6	+7·2	292·7	297	1st, 3rd	286·7	283	25th, 26th	289·7	+2·7	..	5	− 51
538*a*	Tunis	36 48	10 10	43	1020·2	1025·3	+8·8	296·5	304·8	13th	285·5	282·0	12th	291·0	+3·0	..	3	− 51
539	Malta	35 54	14 31	59	..	1022·0	+3·6	293·5	297	6, 11, 13	289·6	285	28th	291·6	+1·2	..	33	− 24
540	Catania	37 30	15 3	64·9	..	1021·2	+4·4	293·8	299·2	5th	286·0	281·0	29th	289·9	+1·6	..	18	− 40
541	Athens	37 58	23 43	107·1	..	1019·9	+2·5	291·0	296	11th	284·3	276	29th	287·6	+0·3	*287·2*	29	+ 42
542	Alexandria	31 9	29 54	32·0	..	1018·4	+0·5	296·5	303	1st	289·2	285	29th	292·8	−0·3	*292·3*	79	+ 42
543	Cairo (Helwan)	29 52	31 20	115·6	..	1019·0	+0·4	296·0	300	15th	285·6	283	27th	290·8	−1·1	*290·6*	15	+ 11
544	Nicosia	35 12	33 24	22·1	..	1017·4	+0·3	294·1	299	1st	282·1	277	17th, 29th	288·1	−0·3	*287·4*	261	+ 206
544*a*	Beirut	33 54	35 28	52·4	..	1016·7	0·0	294·8	298	16th	289·6	287	24th	292·2	0·0	..	93	+ 34
545	Baghdad	33 21	44 28	38·7	1014·2	1018·9	+0·2	296·2	303·5	1st	284·4	276·8	28th	290·3	+0·5	..	17	− 56
546	Lenkoran	38 46	48 52	−19	1023·4	1021·1	−0·9	..	289·9	5th, 8th	281·8	273·4	29th	284·3	−0·3	*284·2*	131	+ 10
547	Busrah	30 31	47 53	7·6	1017·9	1019·0	0·0	295·9	305·4	4th	287·8	283·1	29th	291·9	−0·4	..	37	+ 10
548	Meshed	36 16	59 35	946	911·1	1021·3	..	289·1	297·9	8th	276·3	271·6	17th	282·7	+1·3	..	5	− 17
549	Quetta	30 11	67 3	1677	837·5	..	+0·1	291·8	297·2	2nd	274·0	270·3	25th	282·9	+0·7	*282·6*	24	+ 20
550																		
551	Lahore	31 34	74 20	214	992·8	1018·5	+1·4	300·9	303·8	2nd	282·5	278·9	24th	291·7	+0·3	*290·6*	0	− 3
551*a*	Simla	31 7	77 8	2204·8	784·8	..	+1·2	285·7	290·4	16th	279·1	276·4	25th	282·4	−0·9	*282·1*	8	− 3
552	Leh	34 10	77 42	3503	669·5	..	+0·9	278·9	282·7	2nd	265·3	261·9	26th	272·1	−2·1	*271·0*	1	− 3
552*a*	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	4	− 3
559	Hang Kow	30 35	114 17	37·0	1021·7	1026·2	+1·0	288·7	294·4	4th	281·7	273·5	29th	285·2	+0·1	*284·7*	63	+ 34
560	Tiensin	39 10	117 10	5·0	1026·1	1026·7	+1·0	284·4	292·2	4th	273·9	265·9	28th	279·2	+1·6	..	12	− 17
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1023·9	+1·0	290·8	297·9	12th	280·3	272·8	15th	285·5	+0·4	284·4	63	+ 5
562	Jinsen (Chemulpo)	37 29	126 32	67·6	1016·5	1025·0	+2·4	284·1	290·2	5th	274·9	266·5	29th	279·5	+0·7	279·2	34	− 5
562*a*	Nagasaki	32 44	129 52	133·0	1006·4	1022·5	+1·8	289·7	293·8	5th	282·1	277·5	15th	285·9	−0·1	285·6	85	+ 5
563	Kioto	35 1	135 44	42·9	1017·4	1022·7	+2·9	289·6	294·8	5th	275·7	272·1	12th	282·7	−0·2	282·2	102	+ 5
564	Tokio	35 41	139 45	21·3	1018·6	1021·2	+3·8	288·3	294·1	14th	278·6	274·8	26th	283·4	−0·1	283·0	107	+ 12
565	Miyako	39 38	141 59	30·4	1015·8	1019·5	+2·3	287·9	295·5	21st	273·4	267·9	30th	280·7	−0·6	279·7	29	− 12
566		N.	E.															

NOVEMBER—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1015·9	1017·3	+1·1	299·4	302·4	1st	294·4	292·4	16th	296·9	+0·5	..	75	− 17
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1798·6	823·9	..	+0·9	295·6	297·4	7th	282·3	277·6	30th	289·0	+0·5	..	7	− 28
617	Galveston	29 18	94 50	16·5	1018·6	1020·6	+1·7	294·1	297·4	16th	289·7	281·3	9th	292·1	+1·9	*292·2*	63	− 25
618	New Orleans	29 58	90 4	15·5	1019·6	1021·3	+2·0	295·2	300·2	21st	286·9	278·6	10th	291·2	+2·3	*290·8*	68	− 18
619	Havana	23 8	82 22	24·3	..	1017·8	+1·6	298·8	301·0	30th	293·8	290·8	13th	296·3	−0·3	*296·3*	177	+ 58
620	Key West	24 33	81 48	6·7	1017·6	1018·3	+1·7	298·6	301·3	8th	293·6	286·9	11th	296·0	−0·5	*295·9*	35	+ 1
621	Nassau, Bahamas	25 5	77 21	3·7	..	1016·4	+0·3	298·6	301·6	6th	294·3	290·5	10th, 11th	296·5	−0·6	..	126	+ 77
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
634	Las Palmas, Canary Islands	28 7	W15 26	7	1020·8	1021·6	+3·7	299·1	304·0	15th	290·9	287·8	10th	295·0	+1·3	..	13	− 11
637	Insalah	27 17	E 2 27	330	..	..	..	301·5	305·6	10th	285·3	278·0	27th, 29th	293·4	+0·2	*292·9*	0	− 3
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1021·1	+0·5	296·7	299	9th	287·6	285	30th	292·2	−1·2	*292·4*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1017·8	+1·2	300·4	306	15th	285·5	278	29th	293·0	−2·0	*293·2*	..	..
643	Suez	29 57	32 32	3·4	..	1018·4	+0·7	298·6	302	8th	285·8	282	27th	292·2	0·0	..	0	− 3
644	Aswan	24 2	32 53	99·6	..	1017·1	+1·1	300·8	305	15th	286·5	283	28th, 29th	293·6	−2·0	*294·0*	..	..
647	Bushire	28 59	50 53	4	1016·5	1017·1	−0·5	298·7	306·5	7th	289·7	284·7	17th	294·2	−0·1	..	51	+ 11
648	Jask	25 44	57 47	4	1016·9	1017·3	+0·1	302·4	307·1	19th	293·3	289·8	20th	297·9	+0·5	..	20	+ 1
649	Kurrachee	24 53	66 57	4	1016·8	1017·2	+1·2	302·3	304·9	7th	292·7	289·1	24th	297·5	+0·7	*297·2*	0	− 3
650	Hyderabad, Sind	25 24	68 18	29	1013·6	1016·9	+1·1	304·2	308·7	1st	288·4	284·2	19th	296·3	−0·1	..	0	− 3
651	Jaipur	26 56	75 52	436	968·0	1018·0	+1·0	303·4	307·0	4th	286·3	280·8	28th	294·8	+0·4	*293·9*	0	− 3
652	Nagpur	21 8	79 5	310	981·4	1017·0	+1·4	303·9	306·7	2nd	288·3	285·1	30th	296·1	+0·6	*295·8*	0	− 3
653	Allahabad	25 25	81 51	94	1006·6	1017·7	+1·6	302·9	306·4	1st, 6th	284·7	279·7	28th	293·8	+0·2	*292·9*	0	− 3
654	Calcutta	22 36	88 23	6	1015·8	1016·4	+1·5	300·3	302·8	8th	290·4	287·2	28th	295·3	−0·4	*295·0*	14	− 3
655	Gauhati	26 8	91 41	59	1011·2	1018·1	..	299·9	301·5	6th	287·3	284·2	29th	293·6	..	..	2	− 5
655*a*	Cherrapunji	25 15	91 42	1314	873·5	..	..	292·3	295·1	17th	284·5	281·4	26th	288·4	..	..	8	− 5
656	Shillong	25 33	91 48	1500	853·7	..	..	291·8	294·1	18th	280·1	276·2	12th	286·0	..	..	9	− 4
656*a*	Akyab	20 11	92 56	6	1014·2	1014·8	+1·3	301·7	303·5	4th	294·7	291·6	28th	298·2	−0·5	*297·8*	140	+ 24
657	Phu Lien	20 48	106 37	115·6	1005·3	1018·9	+1·6	298·1	303·4	7th	291·0	283·4	14th	294·5	−0·4	*293·7*	71	+ 24
658	Moncay	21 31	107 51	9	1018·3	1019·4	+1·5	299·1	304·1	13th	289·1	283·0	30th	294·1	+0·1	*293·3*	79	+ 17
659																		
660	Hong Kong	22 18	114 10	33·2	1015·3	1019·2	+1·6	296·3	300·8	7th	291·9	284·1	14th, 15th	294·1	+0·4	294·1	19	− 53
661	Taihoku, Formosa	25 2	121 31	9·3	1019·4	1020·5	+1·8	297·3	303·4	6th	290·1	285·3	18th	293·7	+0·6	293·2	23	− 53
662	Naha	26 13	127 41	10·5	1018·1	1019·4	+1·9	297·3	302·5	6th	291·1	287·6	11th	294·2	+0·1	293·9	123	− 17
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N. ° ′	W. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	19 26	99 8	2280	781·3	..	+0·6	292·3	295·0	7th	280·9	278·4	11th	286·6	−0·3	286·4	7	− 3
718*a*	Oaxaca	17 4	96 44	1563	848·0	..	..	299·7	303·0	7th	282·6	278·8	10th	291·2	..	*290·8*	1	..
719	Belize	17 4	88 12	1·9	1017·6	1017·8	+3·3	301·2	304·1	9th	295·6	290·2	11th	298·4	+0·1	*297·6*	400	+ 99
720	San Salvador	19 29	89 12	1·9	939·1	1012·9	+1·7	..	304·4	..	..	287·0	..	295·8	+0·8	..	49	+ 1
721	Jamaica (Negril Point)	13 44	89 9	657	..	1013·4	+1·1	302·7	304·4	19th	295·0	293·1	22nd	298·9	−0·2	*298·8*	52	− 30
722	Port au Prince	18 15	78 23	10·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
723	St. Croix (Christiansted)	18 34	72 22	37·4	1011·4	1012·1	..	301·7	303·8	9th	296·9	295·4	30th	299·3	..	..	104	..
724	Grenada (Richmond Hill)	17 45	64 42	6·6	992·3	1010·2	−0·8	301·8	303·6	3rd, 9th	296·4	294·1	25th	299·1	−0·2	*298·5*	264	+ 61
725	Barbados	13 8	59 36	55·2	..	1010·0	+0·2	301·9	303·2	7th	295·7	293·8	7th	298·8	−0·6	*298·6*	121	− 51
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·0	1014·2	+0·8	299·5	301·5	10th	293·9	292·8	25, 26, 27	296·7	−1·1	..	0	− 13
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·5	1015·4	..	301·3	303·8	9th	296·6	295·0	8th	298·9	+0·7	..	0	− 12
733	Bathurst	13 24	16 36	1·5	1011·5	1011·7	−0·4	306·0	309·7	9th, 17th	293·9	291·9	18th	300·0	+0·8	*300·2*	0	− 7
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	310·4	313·0	16th	294·4	290·8	19th, 21st	302·4	+1·9	..	0	− 6
735	Ségou	13 42	6 17	? 272	..	..	..	..	..	..	292·4	290·0	19th	..	..	..	0	..
736	Timbouctoo	13 34	16 43	250	984·3	1012·7	+1·2	307·6	313·0	1st	289·2	284·0	30th	298·4	−1·6	*297·9*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	308·3	310·8	3rd, 6th	290·5	286·9	27th	299·4	−0·4	..	0	0
738	Kontagora	10 24	5 24	400	..	..	..	307·4	309·1	29th, 30th	288·1	285·8	16th	297·7	−0·5	..	0	− 1
739	Maiduguri	11 48	13 12	370	..	..	..	308·4	312·4	30th	289·7	287·4	26th	299·1	−0·3	..	0	0
740	Katagum	12 17	10 22	30·7	..	..	..	307·5	311·3	30th	288·6	284·1	25th	298·1	+0·3	..	0	0
742	Kadugli	11 2	29 45	503	..	..	..	309·8	312·0	18th	289·1	283·8	11th	299·5	..	..	0	..
743	El Obeid	13 11	30 14	585	..	1015·5	+1·7	304·9	307	18th	286·9	283	26th	295·9	−1·9	*296·5*	0	0
744	Khartoum	15 37	32 33	390	..	1012·7	+1·3	305·9	309	14th	291·6	287	25th	298·8	−1·4	*298·9*	0	0
746	Aden	12 45	45 3	28·7	1013·2	1016·2	+1·1	300·4	305·6	1st	296·1	293·2	1st	298·3	−1·3	*297·7*	0	− 4
751	Bombay	18 54	72 49	11·3	1013·4	1014·6	+0·8	303·6	305·3	2nd, 22nd	295·8	294·2	14, 19, 24	299·7	−0·1	*299·3*	0	− 10
752	Mysore	12 18	76 40	768	929·3	1014·1	+1·0	301·4	303·4	20th	290·3	286·1	16th	295·8	−0·1	*295·2*	1	− 51
752*a*	Kodaikanal	10 13	77 28	2343	772·3	..	+0·3	288·9	293·3	18th	282·7	279·1	14th	285·8	−0·2	*295·2*	230	+ 65
753	Madras	13 4	80 14	6·7	1013·2	1013·8	+1·1	301·9	303·8	21, 22, 24	295·8	292·4	14th, 15th	298·9	−0·1	298·6	422	+ 97
754	Waltair	17 45	83 16	68·9	1007·8	1015·7	+1·6	302·0	304·2	4th	295·2	292·4	14th	298·6	..	*298·2*	44	− 37
755	Port Blair	11 40	92 40	17·7	1010·6	1012·6	+1·0	302·8	304·2	9th	298·2	296·6	3rd	300·5	+0·1	*300·1*	133	−119
756	Rangoon	16 46	95 48	5·5	1014·1	1015·1	+1·6	302·2	304·4	7th	295·2	293·0	15th, 30th	298·7	−0·9	*297·8*	429	+369
757	Saigon	10 46	106 42	11·2	1010·3	1011·5	+1·2	304·6	305·4	2, 3, 19	295·7	294·2	22nd	300·2	+0·7	..	33	− 64
758	Nhatrang	12 16	109 12	6·8	1013·1	1013·8	+1·9	301·8	304·4	2nd	294·9	292·7	1st	298·4	−0·3	..	326	+ 12
759	Bolinao	16 24	119 53	9·7	..	1011·8	+1·8	305·3	306·5	20th	295·5	292·8	15th	300·4	+0·1	300·1	5	− 44
760	Vigan	17 34	120 23	14·7	..	1011·9	+1·5	304·8	307·7	10th	296·0	292·9	18th	300·4	+0·1	299·9	2	− 18
761	Manila	14 35	120 59	14·2	..	1012·3	+2·2	303·7	306·7	9th	294·4	291·1	15th	299·1	−0·8	298·1	31	− 98
762	Ormoc	11 0	124 36	5·6	..	1010·8	+1·9	303·8	306·1	22nd	295·1	292·0	14th	299·5	+0·1	298·8	157	− 63
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1006·4	..	302·4	304·0	16th	297·9	295·9	23rd	300·2	+0·2	..	377	..
		N.	E.															

NOVEMBER—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	1010·8	−0·4	306·9	310·2	23rd	298·6	296·3	5th	302·8	+1·5	*301·6*	148	+ 72
819	Culebra	9 10	79 40	123·1	..	1009·6	−0·7	301·9	304·7	7th	295·2	294·1	5th	298·6	−0·3	..	285	− 27
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
825	El Peru, Guayanavieja	7 30	62 0	? 300	983·7	1018·0	..	303·4	304·7	6, 10, 13	295·0	293·6	29th	299·2	..	..	47	..
826	Georgetown, Brit. Guiana	6 50	58 12	1·8	1014·2	1014·4	+3·1	302·8	303·6	6, 8, 12	296·9	295·3	11th	299·8	−0·2	..	67	− 75
826*a*	Paramaribo	5 49	55 9	4	1012·9	1013·3	..	305·2	308·2	27th	295·6	294·0	3rd	300·4	..	*300·1*	120	− 15
828	Cayenne	4 56	52 21	6	..	..	..	304·5	306·0	9th, 11th	297·0	294·6	30th	300·8	+0·4	*301·3*	56	− 61
833	Conakry	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	67	− 51
834	Sierra Leone	8 30	13 9	68·3	1004·0	1011·9	+0·9	304·7	305·8	2, 17, 30	294·5	291·9	1st	299·6	−0·8	..	82	− 58
835	Cape Coast Castle	5 5	1 13	..	..	..	..	304·1	..	..	295·9	..	..	300·0	−0·2	..	0	− 60
836	Accra	5 35	W 0 6	18	..	..	..	?301·6	..	..	?295·0	..	..	298·3	−1·5	..	31	− 7
837	Lagos	6 22	E 3 28	7·6	..	1010·9	+0·1	305·3	310·4	..	296·9	295·3	..	301·1	+0·7	..	15	− 47
838	Zungeru	9 48	6 10	130	..	1011·7	−0·1	307·5	309·1	29th, 30th	289·8	287·4	11th	298·7	−0·7	..	0	− 2
838*a*	Libreville	0 23	9 26	35	..	..	..	303·3	304·4	13th	292·4	291·0	9th, 25th	297·9	−0·8	..	178	−172
839	Yola	9 12	12 30	596	..	..	..	307·7	309·7	28, 29, 30	291·8	289·7	8, 15, 17	299·8	−1·0	..	0	− 1
841	Kafia Kingi	9 22	24 18	596	..	..	..	..	..	..	288·3	285·0	26th, 27th	..	..	..	0	..
842	Wau	7 42	28 3	440	947·0	1010·8	+0·3	309·1	311	19th, 30th	291·1	288	9th	300·1	+0·1	..	0	− 16
843	Entebbe	0 5	32 29	1171	..	..	+1·0	300·8	302·4	10, 22, 30	289·5	288·6	1, 11, 29	295·2	+0·5	294·3	23	−113
844	Nandi	0 2	35 5	2010	884·2	..	..	298·1	300·8	30th	282·2	280·2	2nd	290·1	−0·5	..	73	− 19
845	Harrar	9 42	42 30	1856	..	..	..	299·4	301·0	24th	285·4	284·0	sev. dates	292·4	..	..	0	..
851	Cothin	10 0	76 21	2·7	1012·5	1012·7	+0·7	304·3	306·7	..	296·8	295·6	16th	300·6	+0·4	*300·2*	91	− 69
852	Colombo Observatory	6 54	79 53	7·3	1010·0	1010·8	+0·6	302·9	305·5	26th	295·8	294·2	17th	299·4	−0·6	*299·0*	292	+ 42
853	Candy	7 18	80 40	504·5	..	..	..	300·7	303·4	23rd	293·1	288·8	10th	296·9	−0·4	..	267	+ 9
855	Medan	3 35	98 41	23·5	..	1011·6	+1·4	302·3	303·8	18th	295·0	293·2	30th	298·7	..	298·0	197	− 47
856	Kota Radja	5 32	95 20	7·1	..	1011·0	+1·0	..	..	..	..	..	..	..	..	..	270	+ 81
857	Penang	5 34	100 20	5·0	1008·2	1008·8	−1·0	303·8	305·2	23rd	295·6	294·1	21st	299·7	−0·2	..	471	+191
858	Singapore	1 17	103 51	2·2	1010·0	1010·2	+1·0	304·2	305·9	27th	296·2	294·7	16th	300·2	−0·2	..	416	+175
860	Sandakan	5 49	118 12	..	..	1010·4	+1·9	304·1	305·9	24th	295·0	292·3	14th	299·6	−1·0	298·6	131	− 63
861	Tagbilaran	9 38	123 51	26·2	..	1010·4	+1·7	303·1	304·7	19th	296·0	294·2	14th	299·6	−0·4	299·0	283	−137
862	Surigao	9 48	125 29	6	..	1007·2	..	305·8	307·0	16th	297·7	296·5	1st	301·8	..	..	31	..
863	Yap	9 29	138 8	31·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
869	Uyelang	9 42	161 2	< 10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
906																		
923	Manaos	3 8	59 59	44·9	1002·0	1007·1	+0·6	..	308·6	..	..	296·0	..	301·6	−0·5	..	75	
929	Quixeramobim	5 16	39 15	207·0	987·8	1011·1	+1·6	..	308·2	..	..	296·5	..	301·6	+0·1	*301·5*	8	
930	Fernando Noronha	3 51	W32 25	95	1000·0	1011·0	−0·4	..	302·4	..	..	291·6	..	298·7	..	..		
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	..	..	..	..	..	..	..	..	..	..	
940	Loango	4 38	11 50	? 50	..	..	..	302·1	303·0	2nd, 18th	295·0	292·5	5th	298·6	..	*298·1*	11	
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	
944	Nairobi	1 18	36 59	1660	..	..	..	296·2	299·8	30th	285·5	283·0	16th	290·8	−0·1	..	56	
944*a*	Zanzibar	6 10	39 11	21·9	1012·7	1015·1	+0·5	302·6	303·6	14th	298·6	295·7	16th	300·6	+0·7	*299·9*	81	
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	303·6	304·1	18th	298·1	296·9	17th	300·9	..	..	2	
947	Seychelles	4 37	55 27	4·6	..	1012·7	+0·9	301·7	302·8	..	297·7	296·1	..	299·7	+0·6	..	212	
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1011·8	+0·8	302·6	304·3	28th	296·1	294·8	3rd	299·4	..	298·7	605	
957	Batavia	6 11	106 50	8	1010·2	1011·1	+1·2	303·9	306·0	25th	296·5	295·3	19th	300·2	+0·3	299·5	149	
958	Pontianak	0 1	109 20	2·6	..	1011·7	+2·4	303·2	305·6	10th	296·0	295·3	10th	299·6	..	298·6	361	
959	Passeroean	7 38	112 55	5·0	..	1010·6	+1·1	..	..	..	..	..	..	..	..	..	5	
960	Kajoemas	7 56	114 9	950	..	..	..	298·8	300·4	4th	291·3	290·6	10th	295·1	..	294·2	106	
961	Koepang	10 10	123 34	3·3	..	1010·5	+2·6	306·4	308·5	4th	296·2	293·4	27th	301·3	..	300·8	36	
962	Ambon	3 42	128 10	4·2	..	1010·3	+2·7	303·6	305·1	30th	295·0	292·9	10th	299·3	−0·3	298·8	45	
965	Daru	9 4	143 13	8	..	1012·9	+2·0	304·8	..	..	296·6	..	..	300·7	+0·5	..	1	
966	Port Moresby	9 29	147 9	39	..	1011·6	+1·5	304·1	..	..	297·3	..	..	300·7	+0·1	..	2	
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	174	
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1006·6	1006·9	−0·8	304·7	306·9	20th	297·3	296·3	1, 19, 24	301·0	+0·3	..	51	
970	Ocean Island	0 52	169 36	25·6	1003·9	1006·9	−1·6	304·1	306·3	25, 27, 29	297·4	295·2	3, 6, 20	300·8	−0·3	*300·0*	236	
		S.	E.															

NOVEMBER—ZONE 10.

Between Latitude 10° S. and 20° S.

		S.	W.															
1001																		
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	
1003	Alofi, Niue Island	19 2	169 55	36·6	1009·0	1013·2	−0·8	304·2	308·6	19th	293·3	290·8	5, 27, 28	298·8	+0·5	..	64	
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1005·4	1010·8	−0·6	304·3	306·7	1st	296·3	295·0	29th	300·3	..	..	184	
1008																		
1021	Puerto de Arica	18 28	70 20	10	1011·2	1012·4	−0·9	295·4	298·0	22nd, 27th	288·4	287·0	sev. dates	291·9	+0·4	*292·7*	0	
1022	Arequipa	16 22	71 33	2451	761·2	..	−0·3	293·6	296·3	18th	282·1	279·7	1, 27, 30	287·9	+0·4	*287·7*	1	
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	297·8	303	5th	282·7	278	6th	290·3	−2	..	61	
1025																		
1026	Cuyaba	15 36	56 0	235	989·0	1015·6	−0·8	306·0	309·8	..	298·5	294·7	..	302·3	+1·7	..	156	
1027	Bello Horizonte	19 55	43 56	857·0	916·4	1011·5	..	300·2	303·6	15th	290·2	288·0	15th	295·2	..	..	181	
1028	Cætite	14 2	42 37	900	911·6	1011·1	..	..	305·3	..	..	287·5	..	295·6	..	..	191	
1029	Ondina	13 12	38 30	46·6	1007·2	1012·6	..	..	306·5	..	..	293·0	..	298·6	..	..	306	
1030	Aracaju	10 55	37 4	4·3	1011·6	1012·1	..	..	303·8	..	..	295·4	..	299·5	..	..	13	
1035	St. Helena	15 57	W 5 40	632	945·8	1017·9	−1·1	293·5	298·0	10th	285·7	284·7	7th	289·6	+1·2	*289·2*	45	
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	858·8	..	−0·1	302·5	309·2	9th	288·1	280·8	7th	295·3	+0·8	..	72	
1043	Salisbury, Rhodesia	17 49	31 3	1487	856·8	..	+1·4	304·2	310·1	23rd	286·9	281·6	7th	295·6	+1·0	..	35	
1044	Zomba	15 23	35 18	954	906·3	1011·5	+0·5	304·6	306·6	13th	289·3	287·4	5th	296·9	0·0	*295·0*	232	
1045	Tamatave	18 9	49 26	4	..	..	..	..	..	..	..	..	..	..	..	..	..	
1046	Tananarivo	18 55	47 32	1400	865·4	..	+0·4	299·4	302·5	2nd	287·7	285·0	6th, 7th	293·6	−1·2	292·6	166	
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1014·3	+0·4	303·3	304·6	25th, 28th	297·7	296·2	23rd	300·5	+0·6	..	40	
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1010·1	1010·7	+1·5	304·6	305·8	..	296·8	295·2	..	300·7	+0·5	..	6	
1058																		
1061	Derby	17 18	123 40	16·2	..	1011·3	+2·4	309·1	316·9	14th	298·2	295·2	9th	303·7	−0·1	..	0	
1062	Hall's Creek	18 13	127 46	373·6	..	1009·3	+0·7	312·4	315·2	17th	296·4	289·7	27th	304·4	+0·9	..	23	
1063	Port Darwin	12 28	130 51	29·6	..	1010·1	+1·7	308·4	311·2	24th	299·4	297·0	5th	303·9	+1·0	*302·8*	20	
1064	Daly Waters	16 16	133 23	210·6	..	1007·8	..	313·1	316·9	20th	296·8	290·8	26th	305·0	+0·7	*304·3*	12	
1065	Mein	13 13	142 57	121·9	..	1008·9	..	309·3	311·9	15th	294·2	290·8	12th	301·7	..	..	52	
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	311·4	314·1	20th	294·1	288·6	25th	302·8	..	..	14	
1067	Samarai	10 37	150 40	6·4	..	1009·6	−0·4	..	..	..	296·7	..	..	..	..	..	14	
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1012·2	−0·2	300·8	303·6	17th	295·2	291·9	9th	298·0	−0·2	..	153	
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	300·5	303·0	5th	293·8	290·2	28th	297·2	..	..	140	− 13
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1016·3	1019·8	..	295·5	297·5	5th	289·7	286·4	1st	292·6	..	*292·0*	191	..
1116																		
1121																		
1122	Punta Tortuga, Coquimbo	29 56	71 21	25	1011·5	1014·5	−1·3	291·9	295·0	20th, 21st	279·8	278·0	21st, 30th	285·9	−1·9	*287·9*	0	0
1123	Puerto de Antofagasta	23 39	70 25	5	1015·5	1016·1	+1·1	299·0	299·6	22nd	285·2	284·6	1st	292·1	+0·2	*291·1*	0	0
1124	Goya	29 9	59 15	64	1007·2	1014·7	+1·0	304·0	312·5	16th	291·6	285·8	30th	297·8	+1·7	*297·5*	67	− 36
1125	Porto Alegre	30 2	51 13	15	1013·4	1015·2	..	300·1	308·6	13th	289·6	284·5	2nd	294·9	..	..	59	+ 11
1126	Curityba	25 26	49 16	908	912·4	1013·8	−0·1	298·1	307·4	16th	286·0	278·3	..	292·1	+0·5	*291·5*	113	− 15
1128	Rio de Janeiro	22 54	W43 10	64	1005·3	1012·8	−0·2	298·4	305·0	..	293·5	291·1	..	296·0	−0·8	*295·7*	250	+141
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141																		
1142	Johannesburg	26 11	28 4	1874	..	..	..	297·3	301·8	18th	285·3	281·3	14th	291·3	−1·1	*290·9*	103	+ 21
1142*a*	Kimberley	28 42	28 47	1202	881·1	..	+0·4	303·4	309·1	18th	286·8	281·2	26th	295·1	+0·6	294·9	21	− 18
1143	Pretoria	25 45	28 11	1338	869·0	..	−0·3	301·9	306·8	25th	284·2	283·6	5th	293·1	−0·6	..	45	− 72
1144	Durban	29 51	31 0	14·3	1013·8	1015·5	−1·2	295·7	298·6	20th	291·5	288·0	28th	293·6	−2·0	..	105	− 31
1147	Lorenzo Marques	25 58	32 36	59	..	1014·0	−1·1	301·4	310·2	22nd, 25th	292·6	288·2	7th	297·0	+0·1	296·6	99	+ 10
1148	Mauritius	20 6	57 33	54·3	1009·5	1015·9	−0·1	301·8	303·8	25th	292·1	288·1	4th	297·0	−0·3	296·6	21	− 23
1159	Onslow	21 43	114 57	4·3	..	1011·0	+0·9	306·6	314·4	25th	291·2	287·7	11th	298·9	−0·6	..	0	0
1160	Peak Hill	23 38	118 47	588·3	..	1008·5	−0·4	308·1	314·4	28th	292·6	285·2	9th	300·4	+0·6	..	0	− 6
1161	Nullagine	21 53	120 5	385·6	..	1009·6	+1·4	312·5	316·3	18th	294·7	286·3	11th	303·6	+0·8	..	0	− 12
1162	Laverton	28 40	122 23	466·3	..	1012·0	0·0	307·2	316·6	28th	290·4	283·6	9th	298·8	+1·5	..	5	− 8
1163	Alice Springs	23 38	133 37	587·0	..	1010·5	+1·3	307·6	315·5	20th	291·0	284·7	6th	299·3	−0·2	*299·0*	12	− 11
1164	William Creek	28 55	136 21	76·2	..	1013·3	..	305·3	317·2	30th	290·4	283·3	5th	297·8	..	*297·4*	28	+ 17
1165	Boulia	22 55	139 38	145·7	..	1010·4	..	311·6	317·9	20th	292·6	288·5	1st	302·1	..	..	13	− 2
1166	Mitchell	26 32	147 52	337·1	..	1009·9	..	306·4	313·6	28th, 30th	285·9	277·4	6th	296·2	..	..	8	− 45
1167	Rockhampton	23 24	150 30	11·3	..	1011·3	..	308·2	313·6	18th	293·6	289·3	17th	300·9	..	..	18	− 41
1168	Brisbane	27 28	153 2	41·7	..	1010·8	−3·7	303·8	314·2	18th	290·4	284·1	7th	297·1	+1·2	..	42	− 52
1169	Noumea	22 16	166 27	9	1004·3	1005·3	..	302·2	304·1	24th	292·7	291·0	19th	297·5	+0·7	..	15	− 44
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		S.	E.															

NOVEMBER—ZONE 12.

Between Latitude 30° S. and 40° S.

		S.	W.															
1219																		
1220	Juan Fernandez	33 37	78 50	10	1019·9	1021·1	−0·3	291·0	294·7	29th	285·5	284·0	3rd	288·3	−0·3	..	24	− 15
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1009·9	1014·7	−1·1	294·0	301·1	5th	284·8	282·8	1st, 4th	289·4	−1·4	*287·8*	0	− 3
1222	Santiago	33 27	70 42	520	953·6	1013·1	−1·4	301·8	309·0	19th	282·6	278·7	4th	292·2	+1·7	290·9	0	− 5
1223	Cordoba	31 25	64 12	439	1012·3	1015·3	+1·5	297·1	303·7	23rd	287·4	280·7	29th	292·2	+1·1	*292·2*	215	+139
1224	Buenos Ayres	34 16	64 11	25·2	1014·4	1014·7	−0·8	295·6	300·3	22nd	291·1	284·8	17th	293·4	−0·4	..	24	− 30
1225	Rio Grande	32 2	52 6	2·3	..	1015·4	+2·8	..	301·7	22nd	..	283·4	2nd	..	..	292·0	172	+ 96
1226	Montevideo	34 55	W56 13	29·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1239																		
1240	Cape Town	33 56	E18 29	12	1014·3	1015·7	0·0	296·4	305·9	19th	287·1	280·4	12th	291·8	+1·5	*290·7*	44	+ 17
1241	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	35	..
1242	Heidelberg	34 5	20 58	1541	..	..	..	298·8	307·4	15th	287·3	280·2	29th	293·1	+0·5	..	34	− 7
	East London	33 2	27 55	10·1	1014·1	1015·3	+0·2	295·4	299·1	2, 19, 22	288·9	284·1	14th	292·2	+0·4	..	36	− 26
1259	Perth (Observatory)	31 57	115 51	60·0	..	1015·6	−0·1	296·8	313·3	24th	286·0	280·2	8th	291·4	−0·2	..	22	+ 2
1260	Katanning	33 42	117 35	309·7	..	1013·4	−1·8	298·8	311·9	24th	282·2	276·4	8th	290·5	+0·2	..	17	+ 2
1261	Coolgardie	30 57	121 10	423·3	..	1012·3	−0·7	304·3	314·2	25th	287·4	282·3	9th	295·9	+1·4	..	4	− 11
1262	Eucla	31 45	128 58	4·6	..	1014·1	−0·6	298·3	319·7	16th	287·1	280·2	9th	292·7	+0·8	..	1	− 16
1263	Streaky Bay	32 48	134 13	13·1	..	1016·0	+0·9	300·8	318·4	30th	286·3	277·4	5th	293·6	+1·1	..	7	− 10
1264	Adelaide	34 56	138 35	42·7	..	1015·1	+0·1	297·2	309·6	30th	285·6	279·1	6th	291·4	−1·0	*290·9*	34	+ 7
1265																		
1266	Melbourne	37 49	144 57	35·1	..	1012·0	−2·3	293·3	304·7	29th	282·6	278·0	4th	288·0	−1·2	*287·8*	43	− 13
1267	Bourke	30 13	145 58	110·1	..	1015·5	+1·1	304·5	316·2	30th	288·1	279·6	6th	296·3	−2·1	..	19	− 13
1268	Sydney	33 51	151 13	44·5	..	1010·7	−3·6	297·1	304·9	21st	288·1	281·9	5th	292·6	+0·2	..	20	− 54
1271	Lord Howe Island	31 32	159 4	..	..	..	..	296·2	299·1	18th	288·3	283·7	11th	292·3	..	..	103	− 10
1272	Auckland	36 50	174 50	38·1	..	..	..	291·9	295·2	24th	285·2	281·3	13th	288·6	−0·1	..	156	+ 74
		S.	E.															

NOVEMBER—ZONE 13.

Between Latitude 40° S. and 50° S.

		S.	W.															
1301	Chatham Island	43 52	170 42	103·6	..	1006·6	+0·7	288·3	292·4	11th	282·2	275·2	14th	285·2	+0·8	..	71	+ 14
1302																		
1321	Punta Corona	41 51	73 50	25	1011·1	1014·1	−3·6	287·5	294·7	29th	281·3	277·5	13th	284·4	+0·1	*283·2*	19	− 81
1322	Punta Galera	40 1	73 44	40	1014·0	1018·9	+1·5	286·6	288·4	11th	281·4	278·5	13th, 17th	284·0	−0·6	*283·2*	10	− 84
1323	Bahia Blanca	38 45	W62 12	20	1011·2	1013·6	+3·9	302·0	311·5	20th	286·6	279·2	29th	294·3	+2·3	*294·0*	5	− 46
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1004·0	−5·1	289·2	297·4	29th	280·7	274·8	5th	285·0	−2·1	*284·2*	93	+ 29
1366	Launceston	41 27	147 10	9·4	..	1005·4	−5·0	291·9	296·8	29th	280·4	273·4	6th	286·2	−1·3	..	44	− 3
1369																		
1370	Dunedin	45 52	170 31	76	..	1002·9	−6·7	287·6	294·7	23rd	280·4	277·4	4 times	284·0	−0·8	..	127	+ 42
1371	Christchurch	43 32	172 38	7·6	..	1003·0	−7·4	290·6	299·3	24th	281·2	276·0	13th	285·9	−0·4	..	51	− 3
1372	Wellington	41 16	174 46	2·4	..	1004·7	−6·6	290·6	295·1	11th	283·7	278·3	13th	287·1	+0·2	..	105	+ 18
		S. ° ′	E. ° ′	metres.	mb.	mb	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	997·2	1003·9	+7·0	281·2	282·8	24th, 25th	277·9	275·0	12th	279·6	0·0	*279·3*	316	+ 67
1422	Puerto de Punta Arenas	53 10	70 54	4	1000·7	1001·2	+4·7	286·0	292·2	29th	278·0	274·1	13th	282·0	0·0	*281·6*	21	− 10
1423	Punta Dungeness	52 24	68 25	5	1001·1	1001·7	+3·0	284·6	289·0	21st	280·0	278·0	16th	282·3	+1·2	*281·0*	2	..
1425	Cape Pembroke	51 41	57 42	15	998·7	1001·2	+2·0	283·4	288·0	9th	276·3	273·6	17th, 18th	279·8	+0·4	280·0	64	+ 10
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	64	+ 17
1429	S. Georgia (Cumberland Bay)	54 14	W36 34	3·7	990·8	991·3	−0·5	278·6	283·5	23rd	271·8	268·0	8th	275·2	−1·0	*274·8*	133	..
1467	Macquarie Is.	54 30	E158 57	9	..	997·6	−2·1	279·6	280·9	22nd	275·5	270·8	10th	277·3	..	277·3	..	..
		S.	E.															

NOVEMBER—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44	44 39	6·9	987·5	988·4	+0·1	..	276·6	..	..	256·6	..	..	−2·6	268·1	27	− 9
1528		°	°	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—NOVEMBER 1913.

Date.	St. Helena.* 1035. Direction. 9 a.m.	St. Helena.* 1035. Mean Velocity for the Day. m/s.	Fanning Island. 805. Direction and Force. 9 a.m.	Fanning Island. 805. Direction and Force. 9 p.m.	Sierra Leone. 834. Direction and Force. 9 a.m.	Sierra Leone. 834. Direction and Force. 5 p.m.	Malden Island. 905. Direction and Force. 9 a.m.	Malden Island. 905. Direction and Force. 8 p.m.	Tulagi. 969. Direction and Force. 9 a.m.	Ocean Island. 970. Direction and Force. 9 a.m.	Ocean Island. 970. Direction and Force. 9 p.m.	Suva, Fiji. 1072. Direction and Force. 9 a.m.
1	..	..	SE 2	E 2	N 2	SW 2	..	..	SE 4	E 2	Calm 0	Calm 0
2	SE by S	..	E 4	E 5	NE 4	W 2	..	..	SE 2	E 2	Calm 0	NE 1
3	SE	5·8	E 5	E 4	N 2	S 2	..	..	E 2	S 1	W 1	Calm 0
4	SE by E	7·5	SE 2	Calm 0	NE 4	SW 2	..	..	ESE 2	W 5	SW 2	S 2
5	SE by S	5·8	ESE 3	SE 3	NE 4	W 2	..	..	Calm 0	NW 2	W 1	E 3
6	SE by S	5·4	SE 3	SE 2	Calm 0	S 4	..	..	SE 3	S 2	S 1	E 3
7	SE	..	ESE 2	SE 3	NE 2	Calm 0	..	..	SE 3	Calm 0	Calm 0	E 2
8	SE	..	SE 4	SE 3	Calm 0	SW 4	..	..	SE 3	Calm 0	Calm 0	E 2
9	SE by S	6·7	SE 3	NE 3	Calm 0	Calm 0	..	..	ESE 3	Calm 0	Calm 0	NE 1
10	SE by S	..	E 4	E 4	Calm 0	SW 4	..	..	ESE 4	E 1	E 1	NE 3
11	SE by S	..	SE 4	SE 4	N 4	S 4	..	..	SE 4	S 1	Calm 0	NE 3
12	SE	..	SE 4	SE 4	NE 2	SW 4	..	..	SE 3	S 1	S 2	E 1
13	SE by S	..	ENE 5	E 3	Calm 0	S 2	..	..	SE 2	WSW 3	W 2	E 1
14	SE	..	ENE 4	ESE 4	NE 2	Calm 0	..	..	SE 3	W 3	W 1	NE 3
15	SE by S	..	SE 3	SE 3	Calm 0	SW 4	..	..	SE 3	NW 3	NW 1	E 3
16	..	..	SE 3	SE 3	N 2	SW 4	..	..	ESE 1	WSW 2	W 3	NE 1
17	SSE	6·3	E 4	E 4	SW 2	SW 2	..	..	Calm 0	S 1	W 2	NE 1
18	S by E	6·7	E 4	E 5	NE 4	SW 2	..	..	Calm 0	Calm 0	Calm 0	E 1
19	SE by S	12·1	E 5	E 4	Calm 0	SW 4	..	..	W 1	WSW 4	W 4	NE 3
20	SE by S	10·4	SE 5	NE 2	NE 2	SW 4	..	..	Calm 0	WNW 5	W 4	NE ..
21	SE by S	9·2	SE 3	SE 4	N 2	Calm 0	..	..	Calm 0	W 5	W 3	SW 1
22	SE	..	NE 4	Calm 0	N 4	S 2	..	..	ESE 1	WNW 4	W 4	SE 1
23	..	..	NE 2	SE 2	S 2	SW 4	..	..	Calm 0	WSW 3	W 3	SE 1
24	..	..	S 4	Calm 0	NE 4	S 2	..	..	Calm 0	SW 1	Calm 0	E 1
25	..	..	SE 2	Calm 0	NE 4	SW 4	..	..	Calm 0	N 2	Calm 0	NE 2
26	..	..	NE 4	NE 2	N 4	SW 4	..	..	E 1	NE 1	Calm 0	NE 2
27	..	..	ENE 2	E 1	NE 4	SW 4	..	..	Calm 0	E 3	E 1	SE 1
28	..	..	SE 4	SE 4	NE 4	S 4	..	..	W 1	E 1	Calm 0	Calm 0
29	..	..	E 4	E 3	NE 2	SW 4	..	..	NE 2	E 2	Calm 0	Calm 0
30	..	..	SE 2	SE 2	NE 2	SW 4	..	..	Calm 0	ESE 1	Calm 0	Calm 0
Mean for Month	..	..	3·5	2·8	2·3	2·8	..	..	1·6	2·1	1·2	1·0
Deviation from Normal	..	..	..	..	..	..	..	..	..	−0·6		−1·0

* Direction and velocity in the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—NOVEMBER 1913.

**Barents Sea.*—" No information is available."

**Spitsbergen.*—" Green harbour was covered with ice from the 11th to 24th, when the ice was broken up by a gale."

*" The coasts of *Iceland* were ice-free, which is usual this month."

North Atlantic and Labrador.—" In Belle Isle Strait the ice-masses decreased. The ice-limits were 45° N., 47° W., compared with 49° N., 49½° W. (normal), and 45° N., 46° W. (extreme limits, 1901–16)."

**Davis Strait, Baffin Bay.*—" The west coast of Greenland was ice-free."

**Bering Sea, Beaufort Sea.*—" No information is available."

* *Isforholdene i de arktiske Have, 1913* and *1914*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, DECEMBER 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF DECEMBER 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

DECEMBER—ZONE 1. Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124	Upernivik	72 47	W56 7	18·9	1001·4	1003·9	− 1·6	257·9	270·6	29th	251·2	247·7	13, 21, 24	254·6	− 1·9	*254·3*	1	− 12
125																		
126																		
139	Spitsbergen	78 2	E 14 14	11·4	1000·6	1002·1	− 7·6	..	273·7	17th	255·6	243·8	28th	..	..	259·6	18	..
140																		
141	Gjesvaer	71 6	25 22	6·5	995·2	996·0	− 7·4	..	279·4	18th	267·0	262·2	13th	..	− 0·2	*269·6*	95	+ 28
142	Mehavn	71 1	27 47	6·4	995·0	995·8	..	..	279·2	18th	265·9	260·2	13th	..	..	*269·2*	76	− 12
143	Vardö	70 22	31 8	10·0	994·4	995·7	− 9·5	..	276·2	18th	267·2	261·0	12th	..	+ 1·1	*269·7*	101	+ 51
144																		
147	Malye Karmakouly	72 23	52 43	14·8	998·6	1000·6	− 9·7	..	271·8	19th	..	..	..	261·1	+ 1·9	*261·1*	9	− 1
148		N.	E.															

DECEMBER—ZONE 2. Between Latitude 70° N. and 60° N.

203	Nome	64 30	165 24	4·6	999·6	1000·3	..	262·0	275·2	21st	255·0	239·7	15th	258·5	..	..	15	..
204																		
205	Tanana	64 4	139 20	328	..	..	..	253·5	261·3	2nd	244·9	224·1	16th	249·2	..	..	13	..
206																		
207		65 12	152 0	?	994·6	..	..											
208	Valdez							271·3	275·8	2nd	263·3	254·7	14th	267·3	..	..	204	..
209	Eagle	61 6	146 13	3·1	995·6	995·9	..	257·3	274·7	2nd	247·6	230·8	12th	252·5	..	..	12	− 2
210	Dawson	64 46	141 12	248·4	972·6	1005·1	..	255·0	271·9	1st	247·1	234·1	17th	251·0	+1·2	..	37	+ 8
211	Carcross	64 4	139 20	328	..	1007·8	− 7·8	267·9	276·3	10th, 19th	261·6	246·3	17th	264·7	..	..	41	..
212		60 11	134 34	662	..	..	..											
213	Fort Simpson	61 52	120 43	129	..	..	..	261·6	280·8	3rd	250·2	229·1	23rd	255·9	+4·0	..	20	..
214	Hay River	60 51	115 20	161	993·5	1015·0	..	..	..	..	..	..	..	..	..	..	15	..
225	Fort Resolution	61 0	113 0	240	..	..	..											
226	Jacobshavn	69 13	51 2	12·6	993·6	995·2	− 8·0	261·6	277·3	28th	254·2	249·7	12th, 21st	257·9	−2·2	*257·8*	17	+ 6
229	Godthaab	64 11	51 44	9·0	995·0	996·2	− 3·3	265·7	274·2	28th	260·4	255·2	17th	263·1	−2·9	*262·3*	25	− 21
230	Angmagsalik	65 37	37 34	31·7	992·8	996·9	− 0·1	267·3	274·8	29th	259·6	251·5	20th	263·5	..	*263·7*	29	..
231																		
232	Stykkisholm	66 5	22 46	11·3	998·3	999·8	+ 0·4	274·9	280·5	9th, 16th	269·1	261·5	4th	272·0	+1·0	*272·2*	98	+ 39
233	Vestmanno	63 26	20 15	7·7	999·9	1000·7	+ 2·8	276·7	282·1	16th	270·9	262·9	4th	273·8	−0·1	*273·9*	130	− 2
234	Grimsey (Akureyri)	66 33	17 58	22·0	999·2	1002·0	+ 0·5	274·1	279·3	17th	269·5	263·2	4th	271·8	+0·7	*272·2*	5	− 25
235	Berufjord	64 40	14 19	18·0	998·0	1000·2	− 0·2	276·0	284·8	16th	268·5	261·8	6th	272·3	+0·7	*272·5*	51	− 76
236	Thorshavn	62 3	6 45	25·7	1001·6	1004·7	+ 2·1	278·7	283·6	8th	272·9	265·5	6th	275·8	−0·6	*276·1*	200	+ 18
	Lerwick	60 9	W1 8	18·0	1003·9	1006·2	+ 0·8	279·8	283·6	8th	275·5	271·3	25th	277·7	+0·4	*278·0*	146	..
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	999·6	1005·1	− 3·7	..	282·5	9th	272·4	263·5	30th	..	+0·1	*274·6*	348	+137
239	Christiansund	63 7	7 45	17·8	999·9	1002·1	− 4·2	..	280·8	9th	273·1	267·0	25th	..	+0·4	*275·3*	205	+ 92
240	Trondhjem	63 26	10 25	39·5	997·6	1002·5	− 5·2	..	278·8	11th	268·5	256·4	30th	..	+0·5	*271·0*	126	+ 39
241	Bodö	67 17	14 24	20·5	995·9	998·4	− 6·9	..	279·0	18th	268·3	258·1	28th	..	−0·8	*270·8*	159	+ 75
242	Haparanda	65 50	24 9	9·2	997·7	998·9	−10·4	266·9	275·3	19th	258·1	248·0	30th	262·5	+0·1	*263·1*	48	+ 16
	Helsingfors	60 10	24 57	11·7	..	1000·6	−10·5	..	279	..	..	253	..	268·4	−0·5	*268·3*	59	+ 14
242a																		
243	Kuopio	62 54	27 40	99·7	..	1000·4	−11·8	..	273	..	..	248	..	264·5	−1·2	*264·4*	41	..
244	Kola	68 53	33 1	6·7	996·0	996·8	−10·6	266·2	274·8	19th	256·3	244·6	25th	261·3	−0·3	*261·9*	34	+ 25
245	Petrozavodsk	61 47	34 23	38·9	..	1000·3	−12·2	..	277·2	5th	262·2	247·4	27th	266·0	+1·2	*265·9*	34	..
246	Arkhangelsk	64 33	40 32	6·7	..	998·3	−12·2	..	274	..	..	249	..	264·2	+2·6	*264·2*	21	0
247	Velsk	61 5	42 7	? 83	991·1	1001·8	..	267·0	276·0	5th	262·0	242·2	29th	264·5	..	*264·8*	25	..
248	Oust-Tsylma	65 27	52 10	? 25	..	1001·6	−12·2	..	274	..	..	239	..	263·6	+7·3	*263·5*	..	..
	Troitsko-Petcherskoe	62 42	56 13	? 123	991·0	1007·0	..	..	274·2	6th	258·7	242·8	29th	262·6	..	*262·5*	26	..
249																		
250	Berezov	63 56	65 4	39·9	1003·2	1008·5	− 8·1	..	273·2	6th	256·0	245·1	30th	260·9	+10·3	*260·8*	30	+ 19
251	Obdorsk	66 31	66 35	23·7	1003·9	1007·0	− 6·2	..	269·2	19th	254·5	240·5	29th	258·4	+7·9	*258·3*	27	+ 17
252	Sourgout	61 15	73 24	? 40	1008·7	1013·9	− 4·9	..	273·5	6th	261·0	245·0	31st	264·4	+12·7	*264·2*	25	+ 8
253																		
254	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Doudinka	69 7	87 0	? 20	1011·2	1013·8	..	..	267·3	20th	252·2	233·0	27th	256·7	..	*256·7*	7	..
261																		
262	Olekminsk	60 22	120 26	? 135	1006·2	1025·1	− 2·2	..	259·5	24th	242·4	220·1	31st	246·3	+7·6	*246·1*	19	..
263	Iakoutsk	62 1	129 43	? 108	1008·0	1024·0	− 2·0	..	253·1	2nd	231·3	217·4	29th, 30th	234·8	+2·1	*234·6*	9	..
264	Verkhoiansk	67 33	133 24	? 100	1007·4	1022·5	+ 0·7	..	248·9	17th	226·4	218·8	21st	229·9	+4·1	*229·9*	6	+ 1
	Oust-Malskoe	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	4	..
272																		
	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ,	° ,	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DECEMBER—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbour	53 54	166 32	4·0	..	993·9	..	273·9	277·4	sev. dates	269·4	261·9	15th	271·7	..	..	249	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	998·3	1001·7	− 3·5	280·9	285·8	31st	273·8	266·9	4th	277·4	+2·3	..	144	− 58
310	Prince Rupert	54 18	130 18	52	..	1006·1	..	281·3	290·2	8th	275·1	270·8	18th, 20th	278·2	..	..	485	− 49
311	Barkerville	53 2	121 35	1274	..	1013·9	..	272·3	279·7	4th	265·3	252·4	20th	268·8	+1·0	*268·8*	42	− 14
312	Kamloops	50 41	120 29	380	..	1017·9	− 1·0	275·6	280·8	14th	270·9	262·9	23rd	273·2	+1·1	*273·2*	7	− 14
313	Calgary	51 2	114 2	1033	..	1015·6	− 1·0	277·2	285·2	10th	265·7	254·1	23rd, 24th	271·4	+4·6	*271·4*	0	− 17
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	..	1015·9	+ 0·3	269·8	279·9	4th	259·1	241·3	24th	264·4	+6·2	*264·4*	3	− 14
316	Qu'Appelle	50 30	103 47	645	..	1018·3	+ 2·7	271·1	280·8	11th	261·7	250·2	27th	266·4	+5·7	*266·4*	1	− 17
317	Minnedosa	50 15	99 50	518	..	1020·3	..	269·4	277·4	12th	258·6	242·7	25th	264·0	+3·7	*264·0*	4	− 14
318	Berens River	52 18	97 23	216	..	..	..	270·7	276·3	..	260·2	251·3	..	265·4	..	*265·4*	0	+ 46
318*a*	York Factory	57 0	92 28	11	1014·0	1015·5	− 0·7	..	..	..	248·7	233·0	23rd	..	..	..	108	+ 46
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	+ 7
320	Moose Factory	51 16	80 56	9	1015·1	1016·3	..	266·3	276·3	4th	255·0	238·0	26th	260·7	+3·6	..	36	..
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1009·1	..	..	258·3	273·6	1st	249·6	239·1	30th	253·9	..	..	26	..
326	Point Riche	50 42	57 25	10·7	..	..	..	..	280·2	..	..	256·3	..	268·4	+1·0	..	7	− 33
327	Belle Isle	51 53	55 23	133	988·7	1005·8	− 3·5	269·1	275·2	4th, 21st	261·0	246·9	17th	265·1	+1·2	..	..	..
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1020·2	1021·9	+ 9·3	282·1	285·2	8th	278·2	270·2	31st	280·2	−0·3	280·4	79	− 7
335	Aberdeen	57 10	2 6	27·4	1008·4	1011·8	+ 3·1	279·4	285·8	8th	274·3	266·9	31st	276·8	+0·5	276·8	50	− 24
336	Greenwich	51 28	W 0 0	48·5	1013·5	1019·6	+ 4·4	280·7	285·8	9th	276·2	270·8	31st	278·4	+1·0	278·5	22	..
337	Ucele	50 48	E 4 22	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
338	De Bilt	52 6	5 11	3·0	1016·5	1016·9	+ 1·3	279·9	285·0	1st	274·9	268·0	21st	277·4	+1	277·2	80	+ 44
338*a*	Hamburg	53 33	9 59	26·0	1009·2	1012·4	− 2·0	279·7	283·3	3rd	275·4	269·5	30th, 31st	277·6	+3·0	*277·4*	102	+ 44
339	Copenhagen	55 41	12 36	5·0	1006·6	1007·2	− 6·8	278·2	283·1	3rd	274·5	268·3	31st	276·4	+3·1	*276·6*	68	+ 44
340	Potsdam	52 23	13 4	84·9	1002·4	1013·1	− 2·8	277·4	283·0	1st	273·8	269·3	19th	275·6	+2·5	275·5	99	+ 44
340*a*	Upsala	59 51	17 38	24·0	1000·4	1003·4	− 7·8	271·9	280·3	4th	265·7	256·8	29th	268·8	−0·4	269·1	33	+ 44
341	Warsaw	52 15	21 1	120	..	1009·5	− 6·7	..	283	..	..	268	..	274·8	+4·4	*274·7*	72	+ 44
342	Jurjev	58 23	26 43	74·5	..	1001·2	−11·8	..	278	..	..	255	..	269·3	+1·3	*269·2*	49	+ 44
343	Petrograd	59 56	30 16	4·8	..	1000·4	−12·1	..	278	..	..	251	..	267·8	+1·2	*267·7*	33	+ 44
344	Kiev	50 27	30 30	182·9	..	1009·8	− 8·8	..	282	..	..	261	..	273·3	+4·6	*273·2*	47	+ 44
344*a*	Moscow	55 45	37 34	156	..	1003·1	−14·4	..	277	..	..	253	..	268·7	+3·8	*268·6*	86	+ 44
345	Saratov	51 32	46 3	59·9	..	1011·2	−10·0	..	277	..	..	260	..	270·6	+5·5	*270·5*	51	+ 44
346	Kazan	55 47	49 8	79·8	..	1009·4	−10·5	..	276	..	..	251	..	268·1	+6·6	*268·1*	38	+ 44
347	Orenburg	51 45	55 6	114·1	..	1017·0	− 7·5	..	275	..	..	255	..	268·1	+6·9	*267·9*	53	+ 44
348	Perm	58 1	56 15	163·0	..	1009·6	−10·4	..	275	..	..	249	..	266·5	+7·4	*266·4*	70	+ 44
349	Ekaterinburg	56 50	60 38	288·9	..	1013·8	− 7·9	..	276	..	..	250	..	265·3	+6·7	*265·1*	31	+ 44
350	Tobolsk	58 12	68 14	108·3	1002·0	1016·1	..	..	274·4	7th	261·4	251·7	27th, 31st	264·6	+8·6	*264·4*	11	+ 44
351	Akmolinsk	51 12	71 23	? 347	980·8	1025·1	− 6·0	..	273·8	11th	261·3	249·7	31st	266·1	+7·6	*265·9*	22	+ 44
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	23	+ 44
353	Barnaoul	53 20	83 47	162·2	1007·5	1028·7	− 1·7	..	273·0	29th	260·1	244·8	22nd	264·6	+6·9	*264·4*	41	+ 44
354	Tomsk	56 30	84 58	121·6	1009·0	1025·0	− 2·1	..	273·6	7th	261·1	248·5	3rd	264·6	+7·2	*264·4*	26	+ 44
355	Minousinsk	53 43	91 41	? 245	998·7	1031·4	..	..	273·5	8th	252·3	240·4	28th	257·1	..	*256·9*	15	+ 44
356	Eniseisk	58 27	92 11	84·4	1015·2	1026·6	− 0·8	..	272·8	8th	254·4	243·8	1st	259·4	+7·2	*259·2*	50	+ 44
357	Irkutsk	52 16	104 19	467·0	971·1	1032·8	+ 0·8	..	272·1	22nd	249·9	239·2	12th	255·7	−0·8	*255·4*	21	+ 44
358	Kirensk	57 47	108 7	? 263	995·8	1031·9	..	..	269·1	8th	246·9	226·1	14th	251·0	..	*250·8*	3	+ 44
359	Tchita	52 2	113 30	663·7	942·7	1030·0	..	..	269·1	9th	245·3	234·2	17th	251·3	..	..	3	+ 44
360	Blagoveshchensk Priisk	58 10	114 17	? 490	964·8	1031·1	..	..	263·6	9th	244·2	226·7	17th	248·1	..	*247·9*	17	+ 44
360*a*	Nertchinsk	51 59	116 35	484·3	963·5	1028·9	..	..	268·7	5th, 9th	242·6	233·4	16th	248·2	+3·7	*247·9*	2	+ 44
361	Tygan Ourkan	54 5	124 46	? 359	975·0	1023·7	..	255·0	264·0	4th	242·0	230·1	31st	248·5	..	*248·8*	3	+ 44
362	Blagoveshchensk	50 15	127 38	133·6	1004·6	1022·8	..	..	263·1	7th	248·7	241·8	31st	253·4	+4·5	*253·2*	4	+ 44
363	Paikanskii Sklad	50 11	130 7	? 145	..	..	..	..	261·6	1st	241·3	232·5	18th	248·1	..	*247·9*	? 5	+ 44
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1011·5	1014·4	+ 0·9	..	265·5	4th	245·3	234·1	31st	250·1	−2·2	*249·9*	5	+ 44
366	Okhotsk	59 21	143 17	6·0	1009·6	1010·4	− 1·9	255·1	266·1	8th	248·3	240·5	26th	251·7	+1·5	*251·5*	0	+ 44
367																		
368	Petropavlovsk Phare	52 53	158 47	87·1	989·4	1000·7	− 1·3	265·0	274·6	5th	259·8	254·8	24th	262·4	−3·8	..	25	..
369		N.	E.															
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

DECEMBER—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
411																		
412		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
413	Victoria, B.C.	48 24	123 19	25·9	..	1015·9	−0·7	280·8	283·0	14th	277·2	273·9	21st	279·0	0·0	279·0	34	−125
414	Portland, Oregon	45 32	122 41	46·6	1012·5	1017·9	−0·3	279·7	285·8	13th	275·8	271·9	19th	277·8	−0·3	*277·6*	88	− 99
414*a*	Macleod	49 44	113 24	954	..	..	..	277·7	286·1	11th	266·7	250·8	24th	272·2	+1·8	*272·2*	0	− 11
414*q*	Helena	46 34	112 4	1253	875·7	1023·7	+4·4	273·6	280·8	15th	264·1	258·0	21st	268·7	−0·3	*268·7*	3	− 18
415	Salt Lake City	40 46	111 54	1329	870·3	1022·0	+1·0	275·8	281·9	31st	268·6	260·8	21st	272·2	−0·8	*272·0*	34	0
416	Cheyenne	41 8	104 48	1856	812·8	1024·0	+5·1	273·0	280·2	31st	261·9	255·2	20th	267·4	−3·9	*267·1*	51	+ 43
416*a*	North Platte	41 8	100 45	859	920·7	1023·7	+4·4	276·9	283·6	12th	265·2	258·0	22nd	271·1	+1·1	*270·8*	78	+ 66
417	Bismarck	46 47	100 38	510·6	960·4	1023·3	+4·7	275·2	286·3	11th	263·0	255·2	20th	268·9	+5·3	*268·8*	7	− 8
418	Winnipeg	49 53	97 7	231·6	..	1020·3	+2·7	270·7	282·3	11th	260·9	247·2	25th	265·8	+6·5	*265·8*	7	− 12
419	Duluth	46 47	92 6	345·1	977·3	1020·3	+2·7	274·1	284·7	11th	265·8	256·9	25th	270·1	+5·0	*270·2*	4	− 25
420	Port Arthur	48 27	89 12	196·3	..	1018·3	+1·7	274·1	283·0	5th	264·1	250·2	25th	269·1	+5·9	*269·1*	2	− 15
421	Chicago	41 53	87 37	250·9	990·2	1021·0	+2·4	278·6	286·9	4th	273·0	265·2	7th	276·0	+4·5	*276·1*	11	− 41
422	Toronto	43 40	79 24	106·7	..	1017·9	0·0	277·2	285·1	5th	270·4	258·8	27th	273·8	+3·1	273·4	26	− 40
423	New York	40 43	74 0	95·7	1004·7	1016·6	−2·4	280·8	287·4	3rd	273·0	265·8	28th	276·8	+2·4	*276·8*	61	− 25
424	St. John, N.B.	45 17	66 4	21·3	..	1012·5	−3·4	275·1	283·1	8th	267·6	259·9	28th	271·3	+2·6	*271·5*	94	− 8
425	S. W. Point, Anticosti	49 24	63 35	12·2	1008·8	1010·4	−0·8	270·6	274·1	8th	262·8	251·9	31st	266·7	..	..	110	..
426	Sable Island (Main Station)	43 57	60 6	7·6	1011·4	1012·3	..	278·4	285·2	..	273·0	268·0	..	275·7	..	..	69	..
	St. Johns, Newfoundland	47 34	52 42	38·1	..	1007·1	−3·7	274·6	281·9	25th	269·3	260·2	16th	271·9	−0·6	..	179	+ 41
435	Madrid																	
436	Nantes	40 24	3 41	655·4	946·8	1025·5	+3·7	283·2	290·6	8th	271·4	266·3	19th	277·3	−0·5	277·1	11	− 30
437		47 15	W 1 34	41·4	1018·4	1023·6	+4·8	281·1	286·1	6th	275·6	269·5	21st	278·4	−0·1	*278·2*	107	+ 22
438	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1015·5	1021·9	+3·9	278·7	283·3	13th	273·7	265·2	22nd	276·2	+0·2	*275·9*	66	+ 20
438*a*	Marseilles	43 18	5 23	75·0	1009·0	1018·3	+2·0	283·8	289·2	3rd	275·1	269·2	31st	279·5	−0·8	*279·0*	40	− 19
439	Zurich	47 23	8 33	493·2	962·2	1022·7	+2·4	277·0	283·2	4th	271·8	267·4	31st	274·4	+1·9	274·3	62	− 12
440	Rome	41 54	12 29	63·4	..	1016·6	+0·9	285·4	289	1st, 7th	278·2	273	27th	281·8	+0·5	*281·5*	117	+ 27
440*a*	Vienna	48 15	16 22	202·5	991·2	1016·3	−2·5	278·1	287·2	3rd	273·4	267·2	20th	275·8	+3·4	275·9	76	+ 33
441	Buda-Pesth	47 30	19 2	129·6	1000·7	1016·9	−2·7	278·5	288·0	1st	273·1	266·2	21st	275·8	+3·5	*275·5*	23	− 28
442	Bucharest	45 25	26 6	82	1006·6	1017·0	−3·6	..	286·0	5th	..	264·3	27th	274·3	+1·7	..	38	− 6
443	Odessa (University)	46 29	30 46	65·3	..	1014·4	−5·0	278·4	284·3	30th	273·4	265·2	20th	275·9	+3·2	*275·9*	12	− 21
444	Kharkov (University)	50 0	36 14	140	..	1010·8	−9·6	..	280	..	..	257	..	272·5	+5·0	*272·4*	64	+ 29
444*a*	Novorossiisk	44 40	37 49	37	..	1016·0	−4·1	..	292	..	..	270	..	280·4	+3·2	*280·3*	143	+ 58
445	Tiflis	41 43	44 48	409	..	1020·6	−2·4	..	285	..	..	268	..	276·6	+0·6	*276·5*	4	− 17
446	Astrakhan	46 21	48 2	−14	..	1017·8	−4·9	..	282	..	..	265	..	274·9	+5·2	*274·8*	11	− 1
447	Fort Alexandrovsk	44 31	50 16	24	1014·3	1017·2	−5·1	..	285·1	17th	273·6	268·0	22nd, 23rd	276·6	+3·6	*276·5*	5	− 7
448	Krasnovodsk	40 0	52 59	−15	..	1018·3	−4·5	..	288	..	..	274	..	281·7	+3·3	*281·6*	..	..
449	Tachkent	41 20	69 18	479·2	965·6	1023·4	−3·2	284·6	290·2	2nd	274·7	270·0	7th	279·7	+3·9	*279·2*	38	− 9
450	Tourgay	41 40	63 27	? 130	1006·3	1023·0	..	..	..	..	266·1	258·6	26th	269·0	..	..	17	..
451	Narynskoe	49 38	63 27	?2015	800·3	..	..	..	..	..	269·3	..	28th	259·7	−0·4	*259·6*	1	− 10
452	Vernyi	43 16	76 53	824·8	925·5	1025·5	−3·2	..	..	..	..	..	..	271·1	+3·8	*271·0*	19	− 16
461	Mukden	41 48	123 23	43·8	1020·8	1026·6	−0·3	268·6	278·9	10th	256·7	249·8	18th	262·7	−0·1	262·5	1	− 4
462	Joshin	40 40	129 11	4·0	1019·6	1020·1	−0·6	275·6	282·0	2nd	265·9	260·2	18th	270·8	+4·0	270·3	5	− 25
463	Vladivostok	43 7	131 54	26·8	1017·9	1021·4	+0·4	267·9	277·6	11th	260·5	250·3	17th	264·2	+1·6	*263·6*	33	+ 27
464	Ochiai																	
465	Nemuro	47 20	142 44	6·6	1012·2	1013·1	..	266·6	277·4	1st	255·2	241·8	29th	260·9	..	261·5	47	..
466		43 20	145 35	26·7	1009·9	1013·3	+2·2	273·0	281·1	3rd	267·5	261·5	29th	270·2	−1·3	270·5	48	− 14
		N.	E.															

DECEMBER—ZONE 5 (Western Half).

Between Latitude 40° N. and 30° N.

511	San Francisco	37 48	122 26	47·2	1013·5	1019·3	−0·7	285·8	291·9	1st	280·8	278·0	20th	283·3	−0·2	*283·1*	137	+ 30
512	San Luis Obispo	35 18	120 39	61·3	1012·8	1020·6	+1·0	288·6	297·4	9th	278·0	272·4	4th	283·1	−1·4	*282·9*	146	+ 86
513	Modena																	
514	San Diego	37 48	113 54	1670	834·7	1021·3	+1·4	275·2	282·4	11th	263·0	256·3	21st	269·1	−3·8	*268·9*	14	0
515	Santa Fé	32 43	117 10	26·5	1015·6	1018·6	+0·3	289·7	295·2	9th	281·9	279·1	5th	286·0	−0·2	*285·7*	18	− 28
516	Denver	35 41	105 57	2138	785·9	1021·3	+3·4	274·7	281·3	10th	265·2	258·6	25th	269·9	−2·2	*269·5*	20	0
517	Abilene	39 45	105 0	1613	838·4	1024·4	+5·8	274·1	284·1	31st	261·9	255·2	21st	268·1	−5·0	*267·5*	132	+ 117
518	Saint Louis	38 38	90 12	172·8	958·0	1020·6	+1·0	284·1	294·1	2nd	274·7	268·6	29th	279·3	−0·9	*279·0*	53	+ 23
		32 23	99 40	529·6	1000·7	1021·7	+1·4	281·3	290·2	1st	275·2	267·4	8th	278·1	+3·2	*278·0*	41	− 15
519	Mobile	30 41	88 2	17·4	1017·6	1019·6	−1·4	289·1	298·6	1st	280·8	273·0	9th	282·1	+1·3	*281·8*	65	− 51
520	Nashville	36 10	86 47	166·4	1001·7	1022·0	+1·0	283·0	292·4	1st	274·7	266·9	9th	278·9	+0·8	*278·7*	62	− 36
521	Charleston	32 47	79 56	14·6	1017·6	1019·3	−1·7	288·0	295·2	6th	280·2	272·4	9th	284·1	+0·4	*283·8*	66	− 15
522	Washington	38 54	77 3	34·1	1014·2	1018·6	−1·7	281·9	291·9	13th	273·6	268·6	28th	277·7	+2·4	*277·6*	58	− 23
523	Bermuda	32 17	64 46	46·0	1012·0	1017·5	−2·3	293·3	295·6	6th	287·6	285·1	12th	290·4	−0·8	*290·7*	93	− 33
524																		
531	Horta	38 32	28 38	30	..	1021·6	+1·6	291·0	294	3rd	288·2	284	15th	289·6	+0·7	..	91	+ 3
532	Ponta Delgada	37 44	25 40	17	..	1023·1	+4·0	?289·8	292	3rd, 4th	?286·8	284	sev. dates	?288·3	?+0·1	..	49	− 64
533	Madeira (Funchal)	32 37	16 54	25	1020·8	1023·8	+3·8	?289·7	?291·9	8th	?284·5	?282·6	22nd, 26th	?287·1	?−1·1	..	29	− 86
534	Lisbon	38 43	9 9	95·4	1012·2	1023·9	+3·7	285·8	290·9	8th	280·7	274·5	19th	283·2	−0·7	*283·1*	46	− 58
535	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
536	Gibraltar	36 6	5 21	16·2	1020·9	1022·9	+3·3	288·8	291·3	8th	283·9	278·6	31st	286·4	−0·1	*286·4*	148	+ 2
		N.	W.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

DECEMBER—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1014·2	1018·8	+0·6	288·7	291·7	23rd	283·9	278·7	31st	286·3	−0·8	*286·1*	89	− 27
538	Palma	39 33	2 42	..	..	1022·0	+4·4	287·9	292	1st	281·9	277	21st, 27th	284·9	+1·2	..	12	− 45
538a	Tunis	36 48	10 10	43	1018·2	1023·4	+6·7	290·7	294·4	3rd	281·6	276·6	30th	286·2	+1·6	..	28	− 26
539	Malta	35 54	14 31	59	..	1019·4	+2·3	289·4	292	4th	285·5	279	10th	287·4	+0·5	..	73	− 7
540	Catania	37 30	15 3	64·9	..	1017·2	+1·4	289·1	292·2	23rd	281·3	276·0	31st	285·2	+0·2	..	29	− 54
541	Athens	37 58	23 43	107·1	..	1017·4	+0·2	286·1	290	26th	280·3	276	16th, 27th	283·2	−0·6	*282·9*	52	+ 28
542	Alexandria	31 9	29 54	32·0	..	1019·8	+1·2	291·6	295	2nd	283·8	280	11th	287·7	−1·4	*287·7*	98	..
543	Cairo (Helwan)	29 52	31 20	115·6	..	1021·1	+1·1	291·5	299	31st	281·9	278	25th	286·7	−0·7	*286·4*	9	+ 1
544	Nicosia	35 12	33 24	22·1	..	1018·3	−0·3	289·6	292	25th	..	..	..	..	..	*283·4*	85	+ 40
544a	Beirut	33 54	35 28	52·4	..	1018·7	+1·3	289·5	292	2nd	284·6	281	17th, 18th	287·0	−1·5	..	248	+ 91
545	Baghdad	33 21	44 28	38·7	1017·6	1022·4	+2·3	289·3	292·6	3rd	?278·3	274·6	21st	?283·8	?−0·8	..	27	− 51
546	Lenkoran	38 46	48 52	−19	1021·0	1018·7	−2·9	..	288·5	25th	277·0	274·0	23rd, 30th	280·4	+0·3	*280·2*	74	− 51
547	Busrah	30 31	47 53	7·6	1019·5	1020·7	−1·5	288·8	295·7	1st	281·8	277·5	30th	285·3	−0·4	..	105	− 20
548	Meshed	36 16	59 35	946	908·7	1020·5	..	285·2	289·1	16th	274·3	268·6	31st	279·8	+2·5	..	0	− 14
549	Quetta	30 11	67 3	1677	836·6	..	0·0	285·2	290·1	11th	271·2	265·9	27th	278·2	−0·9	*277·7*	23	− 1
550																		
551	Lahore	31 34	74 20	214	994·2	1020·4	+0·9	293·9	299·1	10th	279·1	273·4	29th	286·5	−0·3	*285·3*	13	+ 2
551a	Simla	31 7	77 8	2204·8	783·0	..	+0·1	281·2	285·2	6th	275·8	270·8	16th	278·5	−1·3	*278·0*	53	+ 21
552	Leh	34 10	77 42	3503	667·7	..	+0·4	272·8	277·5	10th	260·3	253·0	27th	266·6	−2·0	*265·5*	6	+ 2
552a	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	42	+ 17
559	Hang Kow	30 35	114 17	37·0	1025·7	1030·3	+1·6	282·5	290·4	7th	274·3	272·5	31st	278·4	−1·1	*277·9*	27	+ 4
560	Tiensin	39 10	117 10	5·0	1028·7	1029·4	+0·8	274·0	280·7	10th	264·3	257·2	18th	269·2	−1·7	..	7	− 6
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1028·0	+2·7	283·3	289·4	10th	273·6	264·4	31st	278·4	−1·1	277·5	28	− 16
562	Jinsen (Chemulpo)	37 29	126 32	67·6	1016·5	1025·2	+1·1	275·9	283·0	1st, 9th	268·3	269·9	19th	272·1	+0·5	271·9	11	− 14
562a	Nagasaki	32 44	129 52	133·0	1006·6	1023·0	+1·0	283·5	292·1	12th	277·4	271·8	31st	280·5	−0·7	280·1	102	+ 57
563	Kioto	35 1	135 44	42·9	1014·8	1020·1	+0·2	283·6	291·0	2nd	273·2	269·6	25th	278·4	+0·4	277·8	104	− 19
564	Tokio	35 41	139 45	21·3	1013·9	1016·5	+0·5	284·0	291·8	3rd	273·6	269·2	19th	278·8	0·0	278·2	49	− 9
565	Miyako	39 38	141 59	30·4	1011·4	1015·2	+0·5	281·8	289·0	11th	270·8	264·9	19th	276·3	−0·2	275·3	67	− 1
566																		
		N.	E.														mm.	mm.

DECEMBER—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
605	Honolulu	21 19	157 52	11·6	1015·7	1016·9	+0·5	298·3	300·2	12th	292·6	290·2	25th	295·4	+0·2	..	13	− 105
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	− 1
616	Leon	21 7	101 41	1798·6	824·0	..	+0·1	294·9	300·0	31st	280·8	275·5	24th	287·9	+1·3	..	0	− 44
617	Galveston	29 18	94 50	16·5	1018·3	1020·3	+1·0	288·6	295·2	2nd	283·6	276·3	26th	286·1	−0·4	*286·1*	54	− 26
618	New Orleans	29 58	90 4	15·5	1017·9	1020·0	−0·3	289·1	296·3	1st	282·4	275·2	9th	285·8	+0·3	*285·5*	45	− 53
619	Havana	23 8	82 22	24·3	..	1017·8	−0·1	299·0	302·8	23rd	292·0	289·0	5th	295·5	+0·7	*295·4*	8	− 45
620	Key West	24 33	81 48	6·7	1016·9	1017·6	−1·0	297·4	300·8	7th	291·9	287·4	27th	294·8	+0·6	*294·7*	7	− 47
621	Nassau, Bahamas	25 5	77 21	7·6	..	1015·7	−2·5	298·0	300·8	21st	292·9	291·1	4th	295·4	+0·1	..	26	− 15
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	− 15
634	Las Palmas, Canary Islands	28 7	W15 26	7	1020·9	1021·7	+1·5	297·3	301·6	11th	287·9	284·2	29th	292·6	+1·0	..	21	− 17
637	Insalah	27 17	E 2 27	330	..	..	..	295·9	299·5	21st	277·4	275·0	31st	286·7	−0·8	*286·1*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1024·2	+1·6	294·3	297	1st	279·0	277	15th	286·6	−1·3	*287·5*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1021·5	+2·0	295·8	308	2nd	279·8	276	16th	287·8	−2·6	*287·5*	..	..
643	Suez	29 57	32 32	3·4	..	1020·7	+2·3	293·4	298	2nd	281·5	277	26th	287·4	−1·1	..	0	..
644	Aswan	24 2	32 53	99·6	..	1020·3	+1·5	296·3	303	1st	282·3	279	18th	289·3	−1·7	*289·7*	..	..
647	Bushire	28 59	50 53	4	1019·6	1020·2	+0·6	291·9	298·7	2nd	286·1	281·8	28th	289·0	−0·8	..	114	+ 57
648	Jask	25 44	57 47	4	1018·5	1018·9	0·0	298·1	301·2	13th	290·5	287·3	22nd, 28th	294·3	−0·3	..	23	+ 1
649	Kurrachee	24 53	66 57	4	1018·6	1018·9	+0·6	298·2	301·9	9th	288·5	284·9	28th, 29th	293·3	−0·5	*292·9*	4	+ 1
650	Hyderabad, Sind	25 24	68 18	29	1015·5	1018·9	+0·1	297·5	302·3	11th	284·8	280·1	29th	291·2	−0·6	..	6	+ 2
651	Jaipur	26 56	75 52	436	968·5	1019·7	0·0	296·3	299·8	22nd	283·4	277·8	29th	289·8	−0·6	*288·7*	22	+ 8
652	Nagpur	21 8	79 5	310	982·6	1018·7	+0·8	300·8	303·9	3rd	286·0	280·9	19th	293·4	+0·5	*293·0*	22	+ 8
653	Allahabad	25 25	81 51	94	1008·1	1019·3	+0·7	297·3	302·8	5th	282·7	275·5	30th	290·0	+0·4	*288·9*	17	+ 3
654	Calcutta	22 36	88 23	6	1017·5	1018·2	+1·0	297·5	300·3	11th	286·8	282·1	28th, 29th	292·2	+0·1	*291·6*	4	− 1
655	Gauhati	26 8	91 41	59	1012·4	1019·5	..	295·4	298·7	5th	284·7	279·7	31st	290·1	..	..	49	+ 31
655a	Cherrapunji	25 15	91 42	1314	872·7	..	..	288·1	292·3	5th	280·9	276·1	26th	284·5	..	..	30	+ 12
656	Shillong	25 33	91 48	1500	852·7	..	..	287·9	291·3	4 dates	277·2	273·4	25th, 26th	282·5	..	..	27	+ 9
656a	Akyab	20 11	92 56	6	1016·1	1016·8	+1·2	298·9	300·7	1st	289·3	284·1	26th, 27th	294·1	−1·6	*293·4*	0	− 3
657	Phu Lien	20 48	106 37	115·6	1007·9	1021·8	+1·9	292·2	299·4	12th	286·4	281·8	24th	289·3	−2·2	*288·5*	68	+ 41
658	Moncay	21 31	107 51	9	1020·9	1022·0	+2·1	292·9	300·1	15th	284·8	278·0	31st	288·9	−1·5	*288·1*	98	+ 71
659																		
660	Hong Kong	22 18	114 10	33·2	1017·6	1021·6	+1·6	291·3	295·5	15th	286·6	279·9	31st	288·9	−1·1	289·1	35	+ 11
661	Taihoku, Formosa	25 2	121 31	9·3	1021·9	1023·0	+2·2	291·6	298·5	10th	286·3	279·3	5th	288·9	−1·0	288·7	159	+ 57
662	Naha	26 13	127 41	10·5	1020·3	1021·6	+1·4	293·3	299·2	11th	287·0	282·2	31st	290·2	−0·2	290·2	158	+ 56
		N.	E.														mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

DECEMBER—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Salina Cruz	16 12	95 16	56·3	..	..	+0·3	291·8	295·0	5th	280·3	275·9	24th	286·1	+0·8	286·1	3	− 4
718	Mexico	19 26	99 8	2280	780·4	..	..	299·2	304·0	5th	283·0	279·4	25th	291·1	..	*290·8*	3	..
718a	Oaxaca	17 4	96 44	1563	847·6	..	..	302·9	305·8	25th	295·1	290·8	11th	299·0	+1·7	*298·2*	325	+ 123
719	Belize	19 29	88 12	1·9	1017·6	1017·8	+0·3	..	304·4	..	..	284·0	27th	294·6	−0·5	..	34	+ 25
720	San Salvador	13 44	89 9	657	939·7	1013·7	+2·1	302·0	303·3	27th	293·9	290·0	4th	297·9	−0·5	*297·8*	29	− 25
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·5	+0·4	..	..	..	..	..	..	..	..	..	..	..
722	Port au Prince	18 34	72 22	37·4	..	..	..	300·4	302·0	19th, 22nd	295·6	293·8	5th	298·0	..	..	53	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	1012·7	1013·4	..	301·3	303·6	25th	295·8	294·1	20th	298·6	0·0	*298·0*	140	− 52
724	Grenada (Richmond Hill)	12 3	61 45	155·1	994·5	1012·4	+0·4	301·2	302·8	6th	294·2	290·9	30th	297·7	−1·1	*297·5*	65	− 28
725	Barbados	13 8	59 36	55·2	..	1011·6	+1·1	..	..	..	..	..	..	..	..	..	..	..
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1014·3	1015·5	+1·0	297·4	299·2	1st	292·6	291·0	5th, 23rd	295·0	−1·0	..	15	− 1
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·9	1016·8	..	298·8	300·4	20th, 21st	294·9	293·0	8th, 29th	296·9	+0·3	..	0	− 12
733	Bathurst	13 24	16 36	1·5	1012·2	1012·4	−0·3	303·6	308·0	11th, 12th	293·6	290·8	6th, 15th	298·6	+1·7	*299·0*	0	− 3
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	308·8	312·4	17th, 20th	291·6	288·6	19th	300·2	+2·0	..	11	+ 9
735	Ségou	13 34	6 17	? 272	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbouctoo	16 43	W 2 52	250	984·7	1013·5	−0·5	302·9	307·8	22nd	286·1	281·8	29th	294·5	−0·6	*294·2*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	306·0	308·6	28th, 31st	288·7	284·7	14th, 18th	297·3	+0·6	..	0	0
738	Kontagora	10 24	5 24	400	..	..	..	308·1	311·9	28th	287·5	283·6	14th	297·8	−0·1	..	0	− 2
739	Maiduguri	11 48	13 12	370	..	..	..	305·3	310·8	1st	286·4	283·0	20th	295·9	−0·2	..	0	0
740	Katagum	12 17	10 22	30·7	..	..	..	304·6	308·0	1st	284·8	280·8	18th	294·7	−1·2	..	0	0
742	Kaduguli	11 2	29 45	503	..	..	..	309·2	311·5	4th, 7th	289·0	285·0	17th	299·1	..	..	0	..
743	El Obeid	13 11	30 14	585	..	1017·6	+1·5	302·0	311	2nd	283·8	279	18th	292·9	−1·2	*293·4*	0	0
744	Khartoum	15 37	32 33	390	..	1016·3	+2·1	302·0	312	2nd	287·2	281	18th	294·6	−1·3	*294·6*	0	0
746	Aden	12 45	45 3	28·7	1014·6	1017·9	+1·3	300·1	301·7	20th	296·1	294·3	16th	298·1	−0·1	*297·7*	0	− 7
751	Bombay	18 54	72 49	11·3	1014·8	1015·9	+0·5	301·6	303·9	17th	293·9	290·6	26th	297·8	−0·3	*297·4*	0	− 2
752	Mysore	12 18	76 40	768	930·4	1015·6	+0·9	301·6	303·6	24th, 26th	290·2	285·9	13th	295·9	+1·4	*295·4*	0	− 11
752q	Kodaikanal	10 13	77 28	2343	773·0	..	+1·0	289·4	293·8	27th	281·8	277·2	30th	285·6	−0·1	*284·8*	189	+ 85
753	Madras	13 4	80 14	6·7	1015·1	1015·8	+0·9	301·4	302·7	5th, 10th	294·7	291·8	25th	298·1	+0·3	..	281	+ 123
754	Waltair	17 45	83 16	68·9	1009·8	1017·8	+1·3	299·7	300·8	5th	293·4	289·6	21st	296·6	..	*296·2*	15	− 12
755	Port Blair	11 40	92 40	17·7	1012·0	1014·1	+1·1	302·9	304·2	3rd, 4th	297·6	293·6	26th	300·3	−0·1	*299·9*	68	− 105
756	Rangoon	16 46	95 48	5·5	1015·5	1016·2	+1·1	303·2	305·2	18th, 19th	292·3	288·6	24th, 27th	297·7	−0·4	*296·8*	3	− 1
757	Saigon	10 46	106 42	11·2	1011·2	1012·4	+1·4	303·9	305·4	9th	294·8	290·2	30th	299·4	+0·4	..	113	+ 33
758	Nhatrang	12 16	109 12	6·8	1014·4	1015·1	+1·9	300·5	303·0	23rd	294·2	289·1	29th	297·4	−0·4	..	330	+ 123
759	Bolinao	16 24	119 53	9·7	..	1012·6	+1·3	304·6	306·5	12th	295·7	292·7	8th	300·2	+0·1	299·6	14	− 2
760	Vigan	17 34	120 23	14·7	..	1012·7	+1·1	303·7	306·5	17th	295·0	291·9	28th	299·4	−0·3	298·9	3	− 7
761	Manila	14 35	120 59	14·2	..	1011·0	+1·5	303·7	306·2	12th	294·3	292·8	4th	299·0	−0·1	298·0	38	− 22
762	Ormoc	11 0	124 36	5·6	..	1010·5	..	303·4	305·7	3rd	295·8	293·1	2nd	299·6	+0·5	299·0	196	+ 15
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	..	..	301·6	303·2	3rd	297·3	294·2	28th	299·5	−0·1	..	188	..
		N.	E.															

DECEMBER—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a	a.		a.	a.	a.	mm.	mm.
805	Fanning Island	3 55	159 23	4·3	..	1010·1	−0·6	305·0	308·6	1st, 6th	298·4	296·3	18th	301·7	+0·9	*300·6*	390	+151
819	Culebra	9 10	79 40	123·1	..	1010·8	+0·7	303·0	304·1	24th	294·7	293·0	6th	298·8	−0·3	..	38	−150
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	El Peru, Guayanavieja	7 30	62 0	? 300	..	..	..	301·5	303·8	1st	294·4	293·4	5th	298·0	..	..	108	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1016·0	1016·2	+5·1	301·7	302·6	1st, 11th	296·9	295·2	8th	299·3	0·0	..	382	+ 85
826	Paramaribo	5 49	55 9	4	1013·3	1013·7	..	306·7	310·3	7th	295·7	293·4	9th	301·2	..	*301·2*	415	+192
826a	Cayenne	4 56	52 21	6	..	..	..	302·9	304·2	16th	296·5	294·4	27th	299·7	+0·2	*299·4*	407	+135
833	Conakry	9 31	13 43	16	..	..	..	304·2	306·3	1st	294·2	288·6	7th	299·2	−1·5	..	22	− 15
834	Sierra Leone	8 30	13 9	68·3	1005·2	1013·0	+2·0	304·5	..	..	296·3	..	..	300·4	+0·3	..	?	..
835	Cape Coast Castle	5 5	1 13	..	..	..	..	303·0	..	..	294·7	..	..	298·8	−0·9	..	0	− 19
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..
837	Lagos	6 22	E 3 28	7·6	..	1011·9	+1·4	305·4	310·5	..	296·1	293·0	..	300·8	+0·4	..	3	− 18
838	Zungeru	9 48	6 10	130	..	1012·3	+0·7	307·9	310·2	20th	296·6	288·0	9, 21, 28	299·3	+0·2	..	0	− 3
838a	Libreville	0 23	9 26	35	..	..	..	303·9	304·8	29th, 30th	296·0	293·0	1st, 2nd	300·0	+0·8	..	8	−273
839	Yola	9 12	12 30	259	..	..	..	303·6	308·0	11th, 12th	293·6	290·8	6th, 15th	298·6	+1·7	*299·0*	0	− 3
841	Kafia Kingi	9 22	24 18	596	948·8	..	..	308·8	312·4	17th, 20th	291·6	288·6	19th	300·2	+2·0	..	11	+ 9
842	Yau	7 42	28 3	440	..	1012·3	+0·7	308·2	312	29th	289·7	288·6	4th	295·5	+0·8	*293·9*	76	− 69
843	Entebbe	0 5	32 29	1171	884·1	..	+0·9	301·3	304·7	31st	282·4	280·8	14th	290·7	+0·1	..	133	+ 67
844	Nandi	0 2	35 5	2010	..	..	..	299·0	301·9	5, 10, 14	286·0	283·0	21st	292·3	..	..	0	..
845	Harrar	9 42	42 30	1856	..	..	..	298·6	300·0	9th	295·8	293·4	16th, 28th	300·6	+0·5	*300·2*	25	− 16
851	Cothin	10 0	76 21	2·7	1013·6	1013·8	+0·9	305·3	306·7	25th, 28th	295·4	291·6	28th	299·0	−0·7	*298·6*	299	+163
852	Colombo Observatory	6 54	79 53	7·3	1010·7	1011·5	+0·7	302·6	304·8	21st	292·8	289·2	26th	296·5	−0·2	..	454	+221
853	Candy	7 18	80 40	504·5	..	..	..	300·2	303·1	16th	295·3	293·6	29th	299·0	..	298·3	395	+162
855	Medan	3 35	98 41	23·5	..	1011·7	+0·4	302·6	304·1	..	..	..	..	..	..	..	122	−103
856	Kota Radja	5 32	95 20	7·1	..	1010·6	−0·9	..	..	16th	295·8	294·7	11th	299·8	−0·3	..	117	− 17
857	Penang	5 32	95 20	5·0	1008·3	1008·9	−0·8	303·8	305·2	12th	295·8	295·1	3rd	299·9	+0·4	..	298	+ 37
858	Singapore	1 17	103 51	2·2	1010·9	1011·1	+1·2	304·0	306·1	..	..	..	..	..	..	..	..	..
860	Sandakan	5 49	118 12	..	..	..	..	304·0	..	..	296·4	..	..	300·2	+0·6	..	401	− 42
861	Tagbilaran	9 38	123 51	26·2	..	1010·5	+1·4	303·6	305·8	6th, 12th	295·1	293·4	3rd, 4th	299·4	−0·6	298·6	119	− 46
862	Surigao	9 48	125 29	6	..	1010·6	+1·5	302·3	304·9	26th	296·4	295·1	2nd	299·4	−0·1	298·8	778	+227
863	Yap	9 29	138 8	31·9	..	1010·8	..	304·4	306·2	1, 3, 9	297·4	295·3	22nd	300·9	..	..	129	..
869	Uyelang	9 42	161 2	<10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.														mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

DECEMBER—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1009·3	1010·3	+1·8	..	..	..	..	..	..	..	..	..	31	+ 12
906																		
923	Manaos	3 8	59 59	44·9	1003·0	1008·1	+1·2	..	308·4	..	..	295·0	..	301·0	−0·4	..	234	+ 41
929	Quixeramobim	5 16	39 15	207·0	989·3	1012·7	+3·2	..	307·8	..	..	295·3	..	301·0	−0·6	*300·9*	55	..
930	Fernando Noronha	3 51	W32 25	95	1000·9	1011·9	+0·7	..	302·9	..	..	294·5	..	298·9	..	..	7	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	..	..	..	..	..	..	..	..	..	..	..
940	Loango	4 38	11 50	? 50	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
944	Nairobi	1 18	36 59	1660	..	..	..	297·2	300·8	1st	283·7	280·2	25th	290·4	+0·1	..	54	−107
944*a*	Zanzibar	6 10	39 11	21·9	1011·7	1014·2	+0·7	303·6	305·5	14th	299·4	296·4	22nd	301·5	+0·4	*300·8*	33	..
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	304·4	304·7	10th	298·1	296·9	1st	301·3	..	..	0	+ 3
947	Seychelles	4 37	55 27	4·6	..	1012·9	+1·3	301·5	302·8	..	297·9	296·7	..	299·7	+0·6	..	348	..
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1011·7	+0·4	303·5	305·9	18th	296·1	295·1	24th	299·8	..	299·3	450	− 44
957	Batavia	6 11	106 50	8	1009·9	1010·8	+1·2	303·1	305·7	19th	296·6	295·2	21st	299·8	+0·5	299·3	56	+ 83
958	Pontianak	0 1	109 20	2·6	..	1011·9	+2·6	303·0	305·3	28th	296·0	295·1	20th	299·5	..	298·5	443	+ 55
959	Passeroean	7 38	112 55	5·0	..	1009·9	+0·9	..	..	..	..	..	..	..	..	..	110	+ 34
960	Kajoemas	7 56	114 9	950	..	..	..	297·1	300·5	4th	291·1	290·1	6th	294·1	..	293·3	425	− 73
961	Koepang	10 10	123 34	3·3	..	1009·4	+1·0	304·4	306·9	8th	297·2	296·1	1st	300·8	..	300·4	183	+ 89
962	Ambon	3 42	128 10	4·2	..	1009·9	+1·4	303·7	305·3	9th	296·1	294·2	2nd	299·9	0·0	299·2	243	..
965	Daru	9 4	143 13	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
966	Port Moresby	9 29	147 9	39	..	..	..	..	..	..	..	..	..	..	..	..	..	..
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	180	−211
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1007·9	1008·1	+1·5	305·7	309·1	8th	297·9	295·8	7th	301·8	+0·9	..	75	+ 89
970	Ocean Island	0 52	169 36	25·6	1004·7	1007·7	+0·3	305·0	306·9	2nd, 3rd	297·3	295·2	20th	301·2	+0·2	*300·5*	314	..
		S.	E.															

DECEMBER—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																		
1002	Apia, Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	1007·2	1011·4	0·0	305·3	308·0	5th	295·7	292·4	4th, 5th	300·5	+1·0	..	377	+ 137
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1004·3	1009·7	−0·9	303·8	306·5	28th	296·1	293·0	5th	300·0	..	..	167	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	1011·8	1013·0	+0·3	297·8	?304·0	30th	287·7	284·0	12th	292·8	0·0	*293·1*	0	..
1022	Arequipa	16 22	71 33	2451	761·7	..	+0·4	294·1	296·3	24th	282·3	279·7	12th, 13th	288·2	+0·5	*288·6*	0	..
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	296·2	300	23rd, 30th	282·4	280	1, 2, 24	289·3	−2	..	71	..
1025																		
1026	Cuyaba	15 36	56 0	235	990·2	1016·9	+0·8	304·3	307·8	..	298·4	296·2	..	301·4	+0·9	..	179	..
1027	Bello Horizonte	19 55	43 56	857·0	918·5	1014·0	..	299·2	304·0	18th	290·4	286·0	3rd	294·8	..	..	372	..
1028	Cætite	14 2	42 37	900	913·3	1013·2	..	..	304·9	..	..	287·4	..	294·9	..	..	65	..
1029	Ondina	13 12	38 30	46·6	1008·1	1013·5	..	..	304·0	..	..	293·5	..	298·2	..	..	288	..
1030	Aracaju	10 55	37 4	4·3	1013·2	1013·7	..	..	303·5	..	..	295·4	..	299·7	..	..	118	..
1035	St. Helena	15 57	W 5 40	632	945·2	1016·9	−1·6	294·9	298·6	19th	287·0	285·2	26th	290·9	+1·5	*290·5*	33	..
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	858·7	..	+0·4	306·2	311·0	3rd	289·5	284·3	23rd	297·9	+3·4	..	37	..
1043	Salisbury, Rhodesia	17 49	31 3	1487	856·9	..	+1·6	306·6	312·0	27th	287·8	284·1	22nd	297·2	+3·1	..	27	..
1044	Zomba	15 23	35 18	954	906·1	1011·3	+0·7	303·2	305·8	19th, 27th	289·3	288·0	1, 4, 14	296·3	+0·7	*295·1*	118	..
1045	Tamatave	18 9	49 26	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1046	Tananarivo	18 55	47 32	1400	864·6	..	+1·0	298·5	301·1	5th, 26th	288·2	284·3	24th	293·4	−1·3	292·4	243	..
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1013·3	+1·2	303·6	305·2	18th	297·8	295·6	20th	300·7	+0·7	..	79	− 87
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1009·2	1009·8	+1·7	304·2	305·9	..	297·1	295·8	..	300·6	+0·4	..	26	− 145
1058																		
1061	Derby	17 18	123 40	16·2	..	1008·8	+1·7	308·7	313·8	2nd	299·2	296·9	27th	304·0	+0·1	..	33	− 51
1062	Hall's Creek	18 13	127 46	373·6	..	1007·1	+0·1	312·3	316·8	3rd	298·0	294·7	14th, 15th	305·2	+1·6	..	11	− 78
1063	Port Darwin	12 28	130 51	29·6	..	1008·1	+1·2	307·2	309·8	22nd	299·7	296·7	13th	303·5	+0·8	*302·4*	109	− 157
1064	Daly Waters	16 16	133 23	210·6	..	1005·0	..	312·3	316·3	7th	297·8	294·4	28th	305·1	+0·7	*304·5*	121	+ 175
1065	Mein	13 13	142 57	121·9	..	1006·7	..	307·0	312·4	8th	296·5	292·4	1st	301·8	..	..	532	+ 86
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	308·9	315·2	7th	295·7	292·6	10th	302·3	..	..	105	..
1067	Samarai	10 37	150 40	6·4	..	1009·1	−0·1	..	..	..	298·1	..	..	..	..	..	122	+ 6
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1010·0	+0·2	302·2	304·1	10, 11, 12	295·6	293·6	6th, 8th	298·9	−0·2	..	415	+ 112
		S.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

DECEMBER—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	300·7	301·9	6, 7, 26	294·9	291·3	13th	297·8	..	..	175	− 3
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1015·2	1018·7	..	297·6	300·0	22nd	292·3	289·0	2nd	295·0	..	*294·5*	87	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1012·2	1015·2	+0·5	292·8	294·5	28th	282·7	278·5	3rd	287·8	−1·3	*288·9*	0	0
1122	Puerto de Antofagasta	23 39	70 25	5	1014·8	1015·4	+1·2	300·0	300·6	sev. dates	286·1	285·3	2nd	293·1	0·0	*293·5*	0	0
1125	Goya	29 9	59 15	64	1005·8	1012·3	+0·2	304·7	311·6	27th	290·4	283·0	16th	297·6	−0·7	*298·0*	122	+ 10
1126	Porto Alegre	30 2	51 13	15	1012·2	1013·9	..	300·9	308·3	29th	289·6	281·5	16th	295·3	..	..	100	+ 6
1127	Curityba	25 26	49 16	908	913·1	1014·4	+1·4	298·2	306·3	..	286·5	279·2	..	292·4	−0·9	*291·7*	125	− 31
1128	Rio de Janeiro	22 54	W43 10	64	1006·9	1014·4	+2·8	298·6	304·4	..	294·4	290·3	..	296·5	−2·0	*296·1*	41	− 96
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141	Johannesburg	26 11	28 4	1874	..	..	..	299·8	305·2	23rd	286·7	282·8	5th	293·3	+2·1	*292·9*	84	− 18
1142	Kimberley	28 42	28 47	1202	880·6	..	+0·7	306·6	311·9	22nd	288·7	283·6	27th	297·7	+1·3	298·0	2	− 52
1142*a*	Pretoria	25 45	28 11	1338	869·2	..	+0·9	305·4	311·4	24th	288·5	285·3	3rd, 21st	296·9	+2·1	..	77	− 30
1143	Durban	29 51	31 0	14·3	1012·6	1014·3	−1·7	296·9	304·1	15th	292·4	288·6	27th	294·7	−2·2	..	155	+ 33
1144	Lorenzo Marques	25 58	32 36	59	..	1013·4	+1·0	303·4	316·4	3rd	293·3	289·0	21st	298·3	0·0	298·0	23	− 84
1147	Mauritius	20 6	57 33	54·3	1007·8	1014·1	+0·4	302·6	306·4	6th	294·8	290·4	5th	298·7	−0·1	298·3	136	+ 13
1148																		
1159	Onslow	21 43	114 57	4·3	..	1008·4	+1·1	307·7	316·6	28th	292·8	290·8	6, 8, 10	300·3	−1·4	..	0	− 4
1160	Peak Hill	25 38	118 47	588·3	..	1006·3	+0·2	309·6	314·4	9th	294·3	290·0	1st	301·9	−1·2	..	21	+ 9
1161	Nullagine	21 53	120 5	385·6	..	1006·3	+0·5	313·1	316·6	5th	296·4	290·2	23rd	304·8	+0·4	..	1	− 29
1162	Laverton	28 40	122 23	466·3	..	1006·9	+0·2	308·2	316·1	6th	293·4	286·1	23rd	300·3	−0·1	..	10	− 4
1163	Alice Springs	23 38	133 37	587·0	..	1006·0	−1·1	310·1	316·1	30th	294·6	288·6	28th, 29th	302·4	+1·1	*302·4*	51	+ 19
1164	William Creek	28 55	136 21	76·2	..	1008·9	..	309·3	318·0	4th	293·7	288·0	23rd	301·5	..	*301·3*	3	− 4
1165	Boulia	22 55	139 38	145·7	..	1006·1	..	314·0	317·1	8th	..	..	..	..	..	..	88	+ 53
1166	Mitchell	26 32	147 52	337·1	..	1008·3	..	307·9	316·9	4th	293·0	288·0	2nd	300·5	..	..	89	+ 23
1167	Rockhampton	23 24	150 30	11·3	..	1011·0	..	306·4	317·2	4th	295·8	293·0	9th, 21st	301·1	..	..	340	+232
1168	Brisbane	27 28	153 2	41·7	..	1012·7	+0·6	302·9	312·7	3rd	292·9	288·8	8th	297·9	+0·3	..	60	− 71
1169	Noumea	22 16	166 27	9	..	..	..	302·9	312·7	3rd	292·9	288·8	8th	297·9	+0·3	..	60	− 71
1170	Norfolk Island	29 4	167 58	..	1004·1	1005·1	..	303·2	304·2	7th	294·3	292·6	1st	298·8	+0·5	..	25	− 42
		S.	E.															

DECEMBER—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	1018·8	1020·0	0·0	293·3	296·7	24th	287·9	284·9	6th	290·6	−0·5	..	6	− 6
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1010·7	1015·5	+0·8	294·6	300·7	22nd	286·2	284·5	20th	290·4	−1·9	*288·7*	0	− 7
1222	Santiago	33 27	70 42	520	954·2	1013·6	+0·9	302·1	309·6	31st	288·8	281·7	16th	295·9	+0·6	295·3	101	− 17
1223	Cordoba	31 25	64 11	439	963·7	1013·5	+1·1	304·7	311·6	27th	290·4	283·0	16th	297·6	−0·7	*298·0*	122	+ 10
1224	Buenos Ayres	34 16	64 11	25·2	1011·5	1014·5	+3·2	299·9	306·0	31st	288·1	279·0	15th	294·0	+0·6	*294·0*	59	− 40
1225	Rio Grande	32 2	52 6	2·3	1014·0	1014·3	+0·7	297·0	300·6	29th	290·9	284·1	17th	294·0	−1·4	..	37	− 18
1226	Montevideo	34 55	W56 13	29·3	..	1014·4	+3·0	..	303·8	28th	..	285·4	1st	..	..	293·1	33	− 45
1239	Cape Town	33 56	E18 29	12	1015·2	1016·6	+2·3	296·3	303·6	21st	286·7	282·7	12th	291·5	−1·3	*290·2*	39	+ 17
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	22	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	299·8	306·9	22nd, 30th	285·9	280·2	1st	292·9	−0·6	..	8	− 23
1242	East London	33 2	27 55	10·1	1012·8	1014·0	+0·5	297·2	300·8	16th, 30th	289·4	285·2	28th	293·3	−0·1	..	14	− 41
1259	Perth (Observatory)	31 57	115 51	60·0	..	1013·0	−0·6	297·6	308·6	27th	288·2	283·2	5th	292·9	−1·7	..	43	+ 29
1260	Katanning	33 42	117 35	309·7	..	1011·5	−1·8	299·4	310·2	10th	285·4	280·1	4th	292·4	−1·1	..	67	+ 54
1261	Coolgardie	30 57	121 10	423·3	..	1009·9	−1·3	304·6	314·2	10th	289·4	283·2	22nd	297·0	−0·5	..	58	+ 41
1262	Eucla	31 45	128 58	4·6	..	1011·3	−2·0	298·9	318·0	29th	289·2	281·2	26th	294·1	+0·4	..	2	− 9
1263	Streaky Bay	32 48	134 13	13·1	..	1012·7	−0·9	303·2	314·7	1st	288·9	281·3	5th	296·1	+1·7	..	31	+ 23
1264	Adelaide	34 56	138 35	42·7	..	1012·5	−0·7	303·1	316·7	1st	289·5	283·9	26th	296·3	+1·5	*295·8*	63	+ 42
1265	Melbourne	37 49	144 57	35·1	..	1012·9	+0·4	299·5	310·7	29th	286·6	281·5	1st	293·1	+2·0	*292·8*	38	− 19
1266	Bourke	30 13	145 58	110·1	..	1013·1	+1·2	310·1	319·1	2nd	293·7	288·6	20th	301·9	+0·7	..	20	− 9
1267	Sydney	33 51	151 13	44·5	..	1014·0	+2·1	298·2	308·1	25th	290·2	287·1	17th, 21st	294·2	+0·1	..	6	− 59
1268	Lord Howe Island	31 32	159 4	..	..	..	..	296·6	299·4	26th	290·0	285·0	17th	293·3	..	..	37	− 92
1271	Auckland	36 50	174 50	38·1	..	..	..	292·1	296·3	31st	285·3	281·3	3rd	288·7	−2·1	..	71	− 2
1272																		
		S.	E.															

DECEMBER—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301																		
1302	Chatham Island	43 52	170 42	103·6	..	1008·9	+0·4	289·2	292·4	29th	282·3	279·1	23rd	285·8	−0·4	..	88	+ 52
1321	Punta Corona	41 51	73 50	25	1007·9	1010·9	−5·7	288·9	295·5	16th	283·1	280·8	2nd	286·0	+0·3	*284·8*	105	− 7
1322	Punta Galera	40 1	73 44	40	1012·0	1016·8	+0·7	288·8	292·6	27th	283·5	280·6	3rd, 5th	286·2	+0·1	*285·2*	51	− 30
1323	Bahia Blanca	38 45	W62 12	20	1009·3	1011·6	+4·0	303·6	311·0	31st	289·9	281·0	27th	296·8	+1·8	*295·9*	38	− 8
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1008·6	−0·6	293·7	311·5	30th	284·0	279·7	7th	288·8	+0·1	*288·0*	44	− 4
1366	Launceston	41 27	147 10	9·4	..	1009·9	−0·7	296·5	305·8	22nd	283·4	277·5	1st	289·9	+0·2	..	58	+ 9
1369																		
1370	Dunedin	45 52	170 31	76	..	1006·6	−2·7	289·3	298·6	27th	282·3	277·4	16th	285·8	−0·8	..	122	+ 38
1371	Christchurch	43 32	172 38	7·6	..	1007·0	−4·0	291·3	303·2	28th	282·3	274·3	1st	286·8	−2·0	..	141	+ 99
1372	Wellington	41 16	174 46	2·4	..	1008·1	−3·2	291·6	299·0	31st	284·5	279·7	6th	288·1	−0·7	..	191	+108
		S.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

DECEMBER—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	*a.*	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	996·8	1003·5	+5·7	282·8	284·8	27th	279·2	276·9	4th	281·0	+0·5	*280·8*	334	+ 76
1422	Puerto de Punta Arenas	53 10	70 54	4	1002·7	1003·2	+9·2	288·5	298·2	17th	279·9	276·2	12th	284·2	+0·3	*283·6*	38	− 3
1423	Punta Dungeness	52 24	68 25	5	1002·3	1002·9	+3·0	287·7	294·6	23rd	281·8	278·0	11th	284·8	+2·0	*283·8*	23	..
1425	Cape Pembroke	51 41	57 42	15	1001·8	1004·3	+3·6	283·8	287·4	20th	278·2	274·1	6th, 12th	281·0	+0·4	281·2	..	− 5
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	66	− 27
1429	S. Georgia (Cumberland Bay)	54 14	W36 34	3·7	999·5	1000·0	+4·0	281·1	288·5	4th	273·7	270·9	19th	277·4	+0·2	*276·9*	80	..
1467	Macquarie Is.	54 30 S.	E158 57 E.	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..

DECEMBER—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	60 44 S.	44 39 W.	6·9	997·4	998·3	+3·7	..	282·6	..	..	269·2	..	..	+1·0	273·2	36	+ 13
1528		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—DECEMBER 1913.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805.		Sierra Leone. 834.		Malden Island. 905.		Tulagi. 969.	Ocean Island. 970.		Suva, Fiji. 1072.
	Direction.	Mean Velocity for the Day.	Direction and Force.		Direction and Force.		Direction and Force.		Direction and Force.	Direction and Force.		Direction and Force.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.
1	SSE	13·8	SE 3	Calm 0	NE 4	SW 2	SE 3	..	NE 1	ESE 1	Calm 0	Calm 0
2	SSE	7·1	NE 4	NE 2	NE 2	S 2	N 3	..	Calm 0	E 1	Calm 0	S 3
3	SE by S	9·2	N 4	NW 3	NE 4	SW 2	NW 6	..	SE 1	ENE 1	Calm 0	SW 3
4	SE by S	4·2	NE 4	NE 3	Calm 0	SW 4	Calm 0	..	Calm 0	NNW 1	Calm 0	S 1
5	SSE	2·5	N 3	Calm 0	SW 2	SW 4	SW 4	..	Calm 0	WSW 2	Calm 0	Calm 0
6	S by E	5·8	ENE 4	ENE 4	NE 10	NE 10	NE 5	..	Calm 0	W 4	W 2	SW 4
7	SSE	7·1	SE 4	S 2	NE 10	NE 10	SW 4	..	NW 2	W 3	W 2	S 1
8	SE by S	5·0	E 4	E 4	NE 6	SW 4	NE 4	..	SE 2	NNW 2	Calm 0	NW 1
9	SE	5·0	E 5	E 5	N 2	W 4	Calm 0	..	SE 2	ESE 1	Calm 0	W 1
10	SSE	8·8	E 5	NE 5	Calm 0	SW 4	NE 4	..	SE 1	SW 1	W 1	SW 2
11	SE by S	6·7	ENE 4	E 5	SW 2	W 2	NE 5	..	SE 2	N 2	Calm 0	SE 3
12	SE by S	8·3	E 5	E 2	Calm 0	W 2	NE 5	..	SE 3	SE 2	S 1	SE 3
13	SE by S	6·7	E 5	E 4	Calm 0	SW 4	NE 4	..	SE 3	SW 1	W 1	NE 2
14	SSE	7·5	E 5	E 5	N 2	SW 4	NE 4	..	ESE 2	WSW 2	S 4	E 3
15	SE by S	7·9	NE 5	E 4	N 2	SW 4	NE 4	..	SE 3	S 1	Calm 0	E 2
16	SE by S	8·3	E 4	E 3	Calm 0	SW 4	NE 4	..	SE 3	E 2	Calm 0	Calm 0
17	SE by S	8·8	ESE 3	NE 3	Calm 0	SW 4	NE 4	..	ESE 3	E 2	Calm 0	E 3
18	SSE	7·5	E 4	E 4	NE 4	S 4	Calm 0	..	SE 3	ESE 2	Calm 0	E 3
19	SE by S	5·0	E 2	NE 3	Calm 0	SW 4	NE 5	..	ESE 3	ENE 1	E 1	E 1
20	..	..	E 3	E 2	Calm 0	SW 4	NE 5	..	SE 2	WNW 1	Calm 0	S 2
21	SE by S	NE 2	E 3	N 2	SW 4	N 4	..	E 2	W 2	Calm 0	E 2
22	SE by S	6·7	E 3	E 3	Calm 0	S 2	NE 6	..	Calm 0	ENE 1	N 1	E 2
23	S by E	4·6	SE 3	NE 2	NE 2	SW 4	E 5	..	Calm 0	E 1	Calm 0	E 2
24	SSE	5·0	NE 4	NE 4	N 2	SW 4	E 4	..	Calm 0	NE 1	Calm 0	E 2
25	SSE	7·9	ENE 3	NE 3	Calm 0	SW 4	NE 5	..	NW 2	W 3	Calm 0	E 2
26	SE by S	8·3	NE 3	Calm 0	N 2	SW 4	NE −	..	NW 2	NNW 4	Calm 0	SW 2
27	SSE	10·4	E 3	NE 4	N 2	SW 4	E −	..	Calm 0	N 3	Calm 0	SW 3
28	SSE	9·2	E 4	E 4	N 2	SW 4	E −	..	NW 2	N 2	W 1	SW 5
29	SSE	6·7	ESE 4	NE 4	Calm 0	S 2	NE 6	..	NW 2	WSW 3	W 5	SW 4
30	S by E	7·1	NE 5	NE 4	N 4	SW 4	E 4	..	Calm 0	W 6	W 5	S 1
31	S by E	..	NE 5	NE 3	N 2	SW 2	E 4	..	Calm 0	W 6	W 5	2·1
Mean for Month	..	7·2	3·8	3·1	2·2	3·9	4·0	..	1·5	2·1	0·9	2·1
Deviation from Normal	..	−0·9	..	..	..	..	..	..	..	−0·7		−0·4

* Direction and velocity in the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—DECEMBER 1913.

**Barents Sea.*—" No information is available."

**Spitsbergen.*—" Green Harbour froze again on December 6th ; the Icefiord remained free of ice."

**Greenland Sea.*—" At Angmagsalik the ice was very smooth."

**Iceland.*—" The polar ice was 10 miles N.W. of Icefiord on the 17th, later it almost reached the shore. This is early for the ice to appear."

North Atlantic and Labrador.—" There were a few icebergs, limits 47° N., 45° W., compared with 46½° N., 46½° W. (average), and 44½° N., 45° W. (extreme limits, 1901–15)."

**Davis Strait, Baffin Bay.*—" Young ice commenced to appear in the bays and fiords, and the West ice appeared occasionally at Upernivik and Godhavn, and lay close inshore at Holsteinborg. Many floes drifted into Disko Bay."

**Bering Sea, Beaufort Sea.*—" No information is available."

* *Iceforholdene i de arktiske Have, 1913 and 1914*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, YEAR 1913

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1913 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

YEAR—ZONE 1.

Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	*a.*	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1003·8	1006·2	−4·2	..	290·3	June 26	261·5	241·2	March 17	..	+0·1	*264·5*	156	− 76
126																		
139	Spitsbergen	78 2	E 14 14	11·4	1006·0	1007·5	−3·6	..	285·2	July 21	261·8	228·2	Feb. 6	..	..	265·7	321	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1006·0	1006·8	−1·2	..	301·4	July 17	272·6	258·1	March 1	..	+0·3	*275·1*	1078	+437
142	Mehavn	71 1	27 47	6·4	1006·2	1007·0	..	..	301·5	July 18	272·3	257·5	March 1	..	..	*274·9*	707	− 51
143	Vardö	70 22	31 8	10·0	1006·7	1008·0	−1·1	..	293·2	July 12	272·0	260·0	March 2	..	+0·8	*274·4*	554	− 67
144																		
147	Malye Karmakouly	72 23	52 43	14·8	1007·6	1009·6	−0·1	..	287·1	July 22	..	..	..	266·4	−0·6	*266·2*	224	− 15
148		N.	E.															

Between Latitude 70° N. and 60° N.

YEAR—ZONE 2.

203	Nome	64 30	165 24	4·6	1008·1	1008·8	..	274·4	298·6	June 23	267·2	238·0	Jan. 2	270·8	..	..	271	..
204																		
205	Tanana	65 12	152 0	?	1001·0	..	..	273·4	303·6	June 25	262·5	224·1	Dec. 16	267·9	..	..	289	..
206																		
207	Valdez	61 6	146 13	3·1	1007·4	1007·8	..	278·9	297·4	July 12	220·0	245·8	Jan. 3	274·5	..	..	1415	..
208	Eagle																	
209	Dawson	64 46	141 12	248·4	978·6	1010·1	..	275·2	304·1	June 22	261·1	221·9	Jan. 18	268·1	..	..	212	− 77
210	Carcross	64 4	139 20	328	..	..	..	..	..	..	..	..	..	..	..	..	..	..
211																		
212	Fort Simpson	60 11	134 34	662	..	..	..	..	..	..	..	..	..	..	..	..	..	..
213	Hay River																	
214	Fort Resolution	61 52	120 43	129	..	..	..	..	306·9	June 21	..	..	..	..	..	..	..	..
		60 51	115 20	161	995·6	1016·4	..	272·8	300·2	Aug. 5	262·1	221·9	Jan. 20	267·5	−1·2	..	315	..
225		61 0	113 0	240	..	..	..	..	..	..	..	..	..	..	..	..	223	..
226	Jacobshavn	69 13	51 2	12·6	1002·8	1004·4	−4·5	271·1	291·2	June 24	264·5	245·7	March 17	267·8	+0·4	*267·7*	273	+ 57
229	Godthaab	64 11	51 44	9·0	999·6	1000·8	−5·4	..	..	..	267·9	255·2	Dec. 17	..	−0·6	*270·4*	522	−120
230	Angmagsalik	65 37	37 34	31·7	999·1	1003·0	−2·0	276·1	289·7	Aug. 1	267·8	249·2	Jan. 23	272·0	..	*271·4*	833	..
231																		
232	Stykkisholm																	
233	Vestmanno	66 5	22 46	11·3	1001·4	1002·8	−3·8	279·0	291·0	July 28	274·2	261·5	Dec. 4	276·6	+0·8	*276·8*	681	+ 57
234	Grimsey (Akureyri)	63 26	20 15	7·7	1001·1	1001·9	−4·1	281·3	292·1	July 5	275·6	262·9	Dec. 4	278·5	+0·3	*278·4*	1530	+264
235	Berufjord	66 33	17 58	22·0	1003·4	1006·1	−1·8	278·1	293·1	June 20	272·6	257·8	March 21	275·4	+1·0	*275·4*	93	−281
236	Thorshavn	64 40	14 19	18·0	1001·4	1003·6	−3·7	280·2	293·2	July 2	273·4	260·0	March 23	276·8	+0·9	*276·7*	1188	+ 73
	Lerwick	60 9	W 1 8	18·0	1003·9	1007·0	−1·7	282·1	290·6	July 22	277·2	265·5	Dec. 6	279·7	+0·4	*279·9*	1350	−243
		62 3	6 45	25·7	1007·4	1009·6	+0·1	282·7	289·7	June 20	278·8	268·6	April 11	280·8	+0·7	*280·6*	1013	..
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1005·6	1011·0	−0·1	..	298·9	July 23	278·0	263·5	Dec. 30	..	+0·6	*280·6*	1888	−152
239	Christiansund	63 7	7 45	17·8	1007·4	1009·6	−0·3	..	294·6	May 31	277·7	267·0	Jan. 22, Dec. 25	..	+0·6	*280·0*	1378	+247
240	Trondhjem	63 26	10 25	39·5	1005·5	1010·3	−0·1	..	299·4	June 6	275·4	259·4	Dec. 30	..	+1·0	*278·7*	742	−220
241	Bodö	67 17	14 24	20·5	1005·9	1008·4	−0·7	..	295·0	July 11	274·9	258·1	Dec. 28	..	+0·4	*277·5*	1049	+ 74
242	Haparanda	65 50	24 9	9·2	1008·5	1009·7	−1·3	278·4	305·0	July 22	269·6	243·0	March 2	274·0	+1·0	*274·3*	379	− 89
	Helsingfors	60 10	24 57	11·7	..	1011·5	−1·0	..	300	July	..	253	Dec.	278·7	+1·4	*278·5*	526	− 60
2420																		
243	Knopio	62 54	27 40	99·7	..	1011·8	−1·0	..	299	July	..	247	Feb.	276·8	+1·0	*276·6*	446	..
244	Kola	68 53	33 1	6·7	1008·3	1009·1	−0·5	276·1	302·6	July 14	267·8	238·9	March 2	272·0	0·0	*272·3*	373	+175
245	Petrozavodsk	61 47	34 23	38·9	..	1012·0	−1·1	..	299·2	Aug 4, Sept. 1	..	244	Feb.	276·7	+1·2	*276·5*	..	..
246	Arkhangelsk	64 33	40 32	6·7	..	1010·8	−0·6	..	301	Aug.	..	242	Feb., March	274·0	+0·5	*273·7*	373	− 15
247	Velsk	61 5	42 7	? 83	1001·9	1012·3	..	279·4	301·4	July 24	270·4	237·1	Jan. 1	274·9	..	*275·5*	..	..
248	Oust-Tsylma	65 27	52 10	? 25	..	1011·0	−1·2	..	303	July	..	227	Jan.	271·0	+0·3	*270·7*	..	..
	Troitsko-Petcherskoe	62 42	56 13	?123	996·8	1012·4	..	..	303·4	July 5	266·2	228·6	Jan. 31	271·8	..	*271·5*	534	..
249																		
250	Berezov	63 56	65 4	39·9	1007·4	1012·5	−1·3	..	300·7	June 13	265·0	226·5	Jan. 31	269·7	+1·1	*269·4*	347	+ 24
251	Obdorsk	66 31	66 35	23·7	1008·4	1011·4	−0·4	..	301·1	June 15	262·4	225·5	Jan. 30	266·8	+0·1	*266·5*	326	+ 55
252	Sourgout	61 15	73 24	? 40	1008·3	1013·4	−1·1	..	302·4	June 13	265·1	225·0	Feb. 3	270·7	+0·7	*270·4*	621	+197
253																		
254	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Doudinka	69 7	87 0	? 20	1008·6	1011·2	..	..	296·9	Aug. 3	258·7	216·3	Jan. 31	263·0	..	*262·8*	211	..
261																		
262	Olekminsk	60 22	120 26	?135	997·8	1015·3	−3·3	..	306·3	June 30	259·8	219·4	Feb. 7	265·6	−0·1	*265·3*	309	..
263	Iakoutsk	62 1	129 43	?108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Verkhoïansk	67 33	133 24	?100	..	..	..	..	305·0	July	..	212·7	Feb. 2	..	..	..	116	..
	Oust-Maïskoe	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272																		
	Novo-Mariinskii Post	64 45	177 33	? 5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	*a.*	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

YEAR—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1007·1	..	280·1	291·9	Aug. 13	274·9	261·9	Dec. 15	277·5	..	..	1831	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27·4	1007·4	1010·8	+1·7	283·5	297·4	Aug. 22	276·2	258·6	Jan. 17	279·9	+0·5	..	2214	−22
310	Prince Rupert	54 18	130 18	52	..	1012·4	..	283·5	298·6	Aug. 21	277·7	257·4	Jan. 18	280·6	..	..	3212	..
311	Barkerville	53 2	121 35	1274	..	1014·7	..	279·3	299·1	July 19, 20	269·2	234·7	Jan. 12	274·3	−0·9	*274·3*	1080	+205
312	Kamloops	50 41	120 29	380	..	1015·1	−0·8	285·7	310·1	July 21	275·0	244·8	Feb. 6	280·3	−1·3	*280·2*	261	−7
313	Calgary	51 2	114 2	1033	..	1013·8	−1·1	284·5	305·2	Aug. 23	270·5	239·7	Jan.	277·5	+1·4	*277·6*	434	+20
314	Fort Chipewyan	58 42	111 10	218	..	..	..	..	..	..	..	..	..	..	..	..	..	..
315	Prince Albert	53 10	106 0	437	..	..	..	280·4	303·2	July 22	267·7	229·9	Jan. 20	274·0	+0·9	*274·2*	453	+10
316	Qu'Appelle	50 30	103 47	645	..	1014·9	−0·3	280·7	303·6	May 27	268·8	230·8	Jan. 20	274·8	+0·4	*274·8*	538	+63
317	Minnedosa	50 15	99 50	518	..	..	..	..	?305·2	? July 29	..	233·9	Jan. 6	..	..	..	..	..
318	Berens River	52 18	97 23	216	..	..	..	..	..	..	..	226·3	Jan.	..	..	..	..	..
318a	York Factory	57 0	92 28	11	..	1015·0	−0·4	..	..	..	260·4	230·2	Jan. 6	..	..	..	..	..
319	Fort Hope	51 32	87 48	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
320	Moose Factory	51 16	80 56	9	..	1014·5	..	278·0	306·9	June 30	265·3	230·2	Feb. 15, 16	271·6	−0·6	..	720	+155
321																		
322																		
323	Hebron	58 12	62 21	15·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
324	Nain	56 33	61 41	4·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
325	Davis Inlet (Fort Chinio)	55 50	60 50	..	1010·3	..	..	270·8	299·7	June 26	261·0	233·0	Feb. 5, 6	265·9	..	..	596	..
326	Point Riche	50 42	57 25	10·7	..	..	..	..	294·1	Sept.	..	243·6	Feb.	274·7	−0·5	..	..	..
327	Belle Isle	51 53	55 23	133	993·1	1009·9	−2·7	273·3	288·6	Aug. 5	267·1	240·8	Feb. 7	270·2	−2·3	..	..	..
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1011·5	1013·0	−0·9	285·9	296·9	July 1	280·8	270·2	Dec. 31	283·4	−0·1	283·5	1349	+170
335	Aberdeen	57 10	2 6	27·4	1008·2	1011·5	−0·3	283·9	296·3	Aug. 2	278·7	266·9	Dec. 31	281·3	+0·4	281·4	605	−175
336	Greenwich	51 28	W 0 0	48·5	1009·3	1015·2	+0·3	287·9	303·6	June 17	279·4	268·6	Feb. 22	283·7	+1·0	283·3	569	−43
337	Uccle	50 48	E 4 22	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
338	De Bilt	52 6	5 11	3·0	1015·3	1015·7	0·0	286·9	302·4	June 18	278·8	265·0	Feb. 20	282·9	+0·4	282·7	719	+12
338a	Hamburg	53 33	9 59	26·0	1012·3	1015·4	+0·8	285·9	300·7	Aug. 30	279·7	265·0	Jan. 30	282·8	+1·0	*282·6*	583	−143
339	Copenhagen	55 41	12 36	5·0	1013·5	1014·1	+0·3	284·1	296·3	Aug. 3	279·1	264·8	Jan. 28	281·6	+1·3	*281·7*	473	−89
340	Potsdam	52 23	13 4	84·9	1005·6	1016·0	+0·7	286·7	303·6	May 31	278·0	260·5	Jan. 30	282·4	+0·9	282·0	479	−107
340a	Upsala	59 51	17 38	24·0	1008·9	1011·8	−0·3	283·2	300·1	July 13	274·8	254·3	Jan. 22	279·0	+2·2	280·0	529	−11
341	Warsaw	52 15	21 1	120	..	1015·6	−0·1	..	300	June, Aug.	..	256	Jan.	281·4	+0·9	*281·2*	686	+127
342	Jurjev	58 23	26 43	74·5	..	1012·4	−1·1	..	301	July	..	246	Feb.	279·0	+1·5	*278·7*	444	−146
343	Petrograd	59 56	30 16	4·8	..	1011·9	−1·3	..	301	July	..	251	March, Dec.	278·4	+1·6	*278·3*	484	+3
344	Kiev	50 27	30 30	182·9	..	1015·4	−1·1	..	302	Sept.	..	254	Feb.	281·2	+1·2	*280·9*	788	+239
344a	Moscow	55 45	37 34	156	..	1013·8	−2·0	..	300	Aug.	..	245	March	278·4	+1·3	*278·3*	704	+165
345	Saratov	51 32	46 3	59·9	..	1015·4	−1·8	..	308	Aug.	..	245	Feb.	280·3	+1·4	*280·0*	412	+32
346	Kazan	55 47	49 8	79·8	..	1014·3	−2·7	..	305	Aug.	..	241	Jan.	277·5	+1·3	*277·4*	439	+43
347	Orenburg	51 45	55 6	114·1	..	1017·8	−1·8	..	310	Aug.	..	238	Feb.	278·2	+1·6	*277·9*	560	+175
348	Perm	58 1	56 15	163·0	..	1013·6	−1·9	..	304	Aug.	..	234	Jan.	275·0	+0·5	*274·7*	728	+253
349	Ekaterinburg	56 50	60 38	288·9	..	1015·6	−1·4	..	303	Aug.	..	237	Jan. Feb.	274·3	+0·5	*274·0*	496	+116
350	Tobolsk	58 12	68 14	108·3	1002·0	1015·7	..	..	303·7	Aug. 11	269·0	234·1	Jan. 31	273·4	+0·2	*273·1*	321	−120
351	Akmolinsk	51 12	71 23	?347	977·2	1019·8	−1·6	..	305·8	Aug. 14	269·2	239·6	Feb. 3	275·4	+0·7	*275·1*	271	+31
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	219	−98
353	Barnaoul	53 20	83 47	162·2	1000·4	1020·7	−0·6	..	301·4	July 12	269·4	236·8	Jan. 10	275·2	+1·5	*274·9*	501	+198
354	Tomsk	56 30	84 58	121·6	1002·4	1017·7	−1·5	..	302·1	June 2	268·8	232·8	Feb. 3	273·7	+1·1	*273·4*	617	+100
355	Minousinsk	53 43	91 41	?245	989·6	1020·1	..	..	304·1	July 15	268·3	232·5	Jan. 10	274·2	..	*273·9*	339	+46
356	Eniseisk	58 27	92 11	84·4	1006·6	1017·3	−2·0	..	301·2	Aug. 9, 11	266·9	227·4	Jan. 21	272·6	+1·3	*272·3*	480	+64
357	Irkutsk	52 16	104 19	467·0	962·7	1020·3	−1·3	..	302·5	July 16	265·9	235·7	Feb. 7	272·5	−0·8	*272·2*	362	+15
358	Kirensk	57 47	108 7	?263	985·9	1019·1	..	..	304·7	June 24	263·8	224·7	Feb. 7	269·9	..	*269·6*	471	..
359	Tchita	52 2	113 30	663·7	936·4	1017·1	..	..	307·0	July 19	263·8	230·8	Jan. 24	270·7	..	..	313	..
360	Blagoveshchensk Priisk	58 10	114 17	?490	957·0	1018·4	..	..	305·3	June 28	260·3	223·2	Feb. 7	266·8	..	*266·5*	445	−51
360a	Nertchinsk	51 59	116 35	484·3	956·3	1016·2	..	..	308·9	July 18, 19	263·0	227·9	Jan. 13	270·4	+2·9	*270·2*	327	−85
361	Tygan Ourkan	54 5	124 46	?359	969·4	1014·2	..	276·6	307·9	July 18	261·0	227·1	Jan. 2, 15	268·8	..	*268·8*	490	..
362	Blagoveshchensk	50 15	127 38	133·6	996·8	1013·6	..	..	304·1	July 19	267·0	232·2	Jan. 14	272·7	+0·8	*272·5*	448	..
363	Paikanskii Sklad	50 11	130 7	?145	..	..	..	..	302·2	July 22	262·1	228·8	Jan. 14	269·8	..	*269·6*	?422	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	1008·3	1011·0	−1·8	..	298·1	July 20	264·6	234·1	Dec. 31	269·8	−0·8	*269·6*	435	−15
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	995·0	1005·9	−1·3	275·4	297·1	July 9	270·1	248·7	Feb. 4	272·7	−2·6	..	711	..
369																		
370																		
371																		
372																		
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

YEAR—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	..	1016·8	+0·8	286·6	302·9	Aug. 1	278·9	266·9	Jan. 19	282·8	0·0	282·5	605	−223
412	Portland, Oregon	45 32	122 41	46·6	1012·8	1018·2	+0·5	288·7	309·7	July 31	280·4	267·4	Jan. 5	284·6	+0·3	*284·3*	923	−224
413	Macleod	49 44	113 24	954	..	..	..	284·2	306·1	Aug. 24	271·9	238·6	Jan. 20	278·0	0·0	*278·1*	269	−35
414	Helena	46 34	112 4	1253	873·6	1017·0	+0·7	284·8	306·3	July 6	273·3	245·8	Jan. 13	279·0	−0·2	*279·0*	303	−22
414a	Salt Lake City	40 46	111 54	1329	867·7	1015·9	+0·3	288·8	309·1	July 6	278·5	254·1	Jan. 7	283·7	−0·3	*283·8*	425	+19
415	Cheyenne	41 8	104 48	1856	812·9	1016·7	+1·9	285·8	306·3	July 13	272·7	240·8	Jan. 6	279·3	−0·9	*279·2*	401	+55
416	North Platte	41 8	100 45	859	917·5	1017·7	+2·2	290·1	312·4	Aug. 27	275·1	245·2	Feb. 28	282·6	+0·5	*282·4*	487	+8
416a	Bismarck	46 47	100 38	510·6	956·5	1018·0	+2·0	285·5	310·8	June 28, Sept. 5	271·9	234·7	Jan. 12	278·7	+1·2	*278·6*	326	−122
417	Winnipeg	49 53	97 7	231·6	..	1016·5	+0·4	281·0	305·9	June 24	269·7	237·9	Jan. 6	275·4	+0·8	*274·8*	400	−129
418	Duluth	46 47	92 6	345·1	975·0	1017·2	+0·9	281·0	304·1	June 15	271·5	239·7	Jan. 12	276·3	−0·8	*276·3*	729	−32
419	Port Arthur	48 27	89 12	196·3	..	1016·7	+0·1	281·0	305·2	June 15, 30	269·8	240·8	Jan. 12	275·4	+0·3	*275·3*	685	+89
420	Chicago	41 53	87 37	250·9	987·7	1018·0	+1·2	287·8	310·2	June 30, July 29	279·9	253·0	March 2	283·9	+1·6	*283·8*	689	−156
421	Toronto	43 40	79 24	106·7	1003·0	1017·4	+0·8	286·8	307·9	July 1	277·0	254·4	Feb. 10	281·9	+1·4	281·5	729	−68
422	New York	40 43	74 0	95·7	1006·0	1017·6	+0·5	289·6	308·0	July 30	281·2	260·8	Feb. 13	285·4	+1·5	285·6	1128	−6
423	St. John, N.B.	45 17	66 4	21·3	1012·8	1015·9	+1·2	282·8	299·7	July 30	275·6	249·3	Feb. 10	279·2	+0·8	*279·1*	1045	−101
424	S. W. Point, Anticosti	49 24	63 35	12·2	1011·6	1013·2	+0·8	279·4	298·6	May 14	270·3	244·1	Feb. 6, 9	274·9	..	..	1154	..
425	Sable Island (Main Station)	43 57	60 6	7·6	1016·1	1017·0	..	283·4	295·8	Aug. 14	277·6	258·0	Feb. 10	280·5	..	..	1103	..
426	St Johns, Newfoundland	47 34	52 42	38·1	..	1012·1	−0·9	281·4	300·2	July 8	273·7	250·8	Feb. 7	277·6	−0·2	..	1230	−206
435	Madrid	40 24	3 41	655·4	942·4	1018·3	+0·9	294·3	315·8	July 23	279·6	266·3	Dec. 19	287·0	0·0	286·5	380	−36
436	Nantes	47 15	W 1 34	41·4	1012·2	1017·2	−0·1	289·2	302·9	June 15, July 29	280·9	269·1	Feb. 19	285·0	+0·1	*284·7*	850	+120
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1010·9	1017·1	+0·6	288·4	302·8	May 30, Aug. 27	279·7	265·2	Dec. 22	284·0	+0·4	*283·5*	645	+88
438	Marseilles	43 18	5 23	75·0	1007·1	1016·2	+1·2	292·2	304·0	Aug. 27	282·6	269·2	Dec. 31	287·4	+0·2	*287·0*	663	+81
438a	Zürich	47 23	8 33	493·2	960·1	1018·7	+0·6	287·2	301·8	May 30	278·0	265·2	Feb. 19	282·6	+0·5	282·0	988	−159
439	Rome	41 54	12 29	63·4	..	1016·4	+2·0	293·3	306	Aug. 20, Sept. 3	284·2	271	Feb. 17	288·8	+0·3	*288·7*	749	−72
440	Vienna	48 15	16 22	202·5	992·2	1016·6	0·0	285·9	300·7	June 4	279·0	259·1	Jan. 15	282·5	+0·2	282·3	685	+58
440a	Buda-Pesth	47 30	19 2	129·6	1001·6	1017·4	+0·7	288·1	303·9	June 5	278·9	258·5	Jan. 15	283·5	+0·5	*283·1*	590	−67
441	Bucharest	45 25	26 6	82	1007·3	1017·4	+0·8	..	..	..	..	..	..	283·4	0·0	..	649	+70
442																		
443	Odessa (University)	46 29	30 46	65·3	..	1017·1	0·0	287·4	303·6	Aug. 26	280·2	257·4	Jan. 31	283·8	+0·6	*283·3*	241	−164
444	Kharkov (University)	50 0	36 14	140	..	1016·4	−0·8	..	304	Aug.	..	250	Feb.	281·0	+1·2	*280·7*	584	+99
444a	Novorossiisk	44 40	37 49	37	..	1016·3	−0·5	..	307	Aug.	..	258	March	285·5	−0·3	*285·2*	857	+162
445	Tiflis	41 43	44 48	409	..	1017·8	+0·1	..	310	Aug.	..	263	Feb.	285·8	0·0	*285·6*	384	−107
446	Astrakhan	46 21	48 2	−14	..	1018·0	−0·4	..	309	July	..	251	Feb.	283·3	+0·6	*283·0*	207	+57
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	257·3	Feb. 3	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1016·4	−1·1	..	314	July	..	263	Feb.	289·2	+0·5	*289·0*	..	..
449	Tachkent	41 20	69 18	479·2	960·6	1016·8	−0·6	293·9	313·8	June 20	279·9	263·8	Feb. 3	286·9	−0·1	*286·4*	377	+43
450	Tourgay	49 38	63 27	? 130	1003·8	1019·9	..	..	310·0	July 30	272·8	240·0	Feb. 2	278·4	..	..	243	..
451	Narynskoe	41 26	76 2	?2015	796·6	..	..	..	305·9	Aug. 1	268·1	238·7	Jan. 26	274·7	−0·8	*274·4*	284	−12
452	Vernyi	43 16	76 53	824·8	922·0	1018·2	+0·2	..	309·1	July 27	..	..	..	281·5	+0·6	*281·2*	432	−113
461	Mukden	41 48	123 23	43·8	1011·5	1016·9	+0·4	286·6	307·8	Aug. 21	273·3	242·1	Jan. 25	280·0	0·0	279·7	341	−317
462	Joshin	40 40	129 11	4·0	1014·0	1014·5	−0·3	286·0	303·0	May 28	276·3	251·3	Jan. 12	281·2	−0·1	280·7	539	−156
463	Vladivostok	43 7	131 54	26·8	1012·0	1015·3	−1·4	..	302·5	July 26	273·8	246·8	Feb. 8	..	−0·2	*277·2*	778	+370
464																		
465	Ochiai	47 20	142 44	6·6	1010·2	1011·1	..	278·5	303·0	Aug. 5	267·0	235·3	Feb. 17	272·8	..	273·0	845	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1008·8	1012·1	−0·5	280·6	295·9	Aug. 5	273·1	254·0	March 8	276·8	−1·7	276·8	1042	+137

YEAR—ZONE 5 (Western Half).

Between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1010·5	1016·9	+0·2	290·1	311·3	Sept. 16	283·0	273·6	Jan. 6	286·6	+0·9	*286·0*	484	−131
512	San Luis Obispo	35 18	120 39	61·3	1010·0	1017·4	+0·9	293·6	315·8	Sept. 17	281·2	266·3	Jan. 6	287·4	+0·4	*287·0*	462	−85
513	Modena	37 48	113 54	1670	833·8	1015·4	+1·1	288·8	308·0	July 10	273·2	247·4	Jan. 7	281·0	−1·2	*281·0*	216	−77
514	San Diego	32 43	117 10	26·5	1012·7	1015·8	+0·6	292·4	316·3	Sept. 17	285·5	269·1	Jan. 7	289·0	+0·1	*288·8*	185	−82
515	Santa Fé	35 41	105 57	2138	787·7	1014·9	+1·3	287·7	305·2	July 11	275·6	248·6	Jan. 7	281·7	−0·7	*281·5*	381	+13
516	Denver	39 45	105 0	1613	837·4	1016·3	+1·7	289·0	310·2	July 13	275·2	243·6	Jan. 6	282·1	−0·8	*282·0*	466	+109
517	Abilene	32 23	99 40	529·6	955·7	1016·8	+1·6	296·4	311·9	July 10	284·3	260·2	Jan. 8	290·3	+0·1	*290·1*	706	+78
518	Saint Louis	38 38	90 12	172·8	997·3	1017·9	+0·7	292·1	311·9	July 18	282·6	257·4	Feb. 1	287·4	+1·2	*287·2*	982	+37
519	Mobile	30 41	88 2	17·4	1016·6	1018·6	+1·0	297·3	310·8	June 18	288·2	271·9	Feb. 14	292·8	+0·9	*292·4*	1560	−16
520	Nashville	36 10	86 47	166·4	999·7	1019·7	+1·7	294·4	310·8	June 29, Aug. 7	283·5	263·0	Feb. 13	288·9	+0·7	*288·7*	1034	−198
521	Charleston	32 47	79 56	14·6	1017·5	1019·1	+1·0	296·1	309·7	Aug. 13	288·2	272·4	Feb. 13, Dec. 9	292·1	+0·4	*291·8*	1054	−269
522	Washington	38 54	77 3	34·1	1014·2	1018·3	+0·4	292·4	309·1	July 29, Aug. 10	281·8	262·4	Feb. 13	287·1	+1·4	*287·0*	1017	−88
523																		
524	Bermuda	32 17	64 46	46·0	1014·9	1020·3	+1·7	296·7	302·8	July 26, Sept. 22	290·6	280·9	Feb. 26	293·7	−0·1	*294·1*	1244	−316
531	Horta	38 32	28 38	30	..	1022·5	+1·0	292·9	301	July 14, Aug. 17, 18	288·5	280	Feb. 5	290·7	+0·1	..	654	−43
532	Ponta Delgada	37 44	25 40	17	..	1022·0	+1·0	..	299	Aug. 12, 13, 18, Sept. 6	..	..	..	..	..	..	421	−409
533	Madeira (Funchal)	32 37	16 54	25	1017·7	1020·7	+1·6	292·6	308·6	June 30	285·0	279·5	March 24	288·8	−1·2	..	711	+27
534	Lisbon	38 43	9 9	95·4	1007·1	1018·6	+0·8	292·3	312·4	July 19	285·8	274·5	Dec. 19	289·1	+0·1	288·8	618	−138
535	Casablanca	33 37	7 35	17	..	..	..	..	..	..	..	..	..	..	..	..	..	..
536	Gibraltar	36 6	5 21	16·2	1016·9	1018·9	+2·3	294·2	306·9	July 24	287·0	278·6	Dec. 31	290·6	−0·4	*290·1*	663	−245
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

YEAR—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1010·4	1014·9	−1·6	295·4	314·6	Aug. 29	288·5	278·7	Feb. 22, Dec. 31	291·9	−0·2	*291·4*	399	−298
538	Palma	39 33	2 42	..	..	1018·4	+1·9	294·4	309	Aug. 25	287·1	277	Mar. 12, Dec. 21,27	290·8	+1·0	..	255	−198
538a	Tunis	36 48	10 10	43	1015·9	1021·0	+4·8	296·4	317·2	Aug. 19	286·0	273·0	Feb. 15, 16	291·2	+0·2	..	331	−120
539	Malta	35 54	14 31	59	..	1018·5	+2·1	294·3	309	Sept. 11, 13	289·2	278	Feb. 14, 16	291·7	+0·1	..	390	−60
540	Catania	37 30	15 3	64·9	..	1017·4	+1·9	294·9	311·3	Sept. 13	287·0	274·0	Feb. 16, 17	291·0	+0·4	..	424	−214
541	Athens	37 58	23 43	107·1	..	1016·5	+1·9	294·0	309	Aug. 20, Sept. 19	286·3	270	March 3	290·1	−0·6	*289·8*	506	+106
542	Alexandria	31 9	29 54	32·0	..	1016·0	+1·3	297·4	312	July 13	289·8	279	Feb. 16, Mar. 4	293·7	−0·2	*293·1*	260	+ 36
543	Cairo (Helwan)	29 52	31 20	115·6	..	1015·8	+0·7	300·1	316	July 13	287·5	277	Feb. 4, Mar. 4	293·8	−0·5	*293·6*	52	+ 16
544	Nicosia	35 12	33 24	22·1	..	1013·3	−0·2	298·4	315	July 13	..	..	..	..	..	*294·0*	613	+237
544a	Beirut	33 54	35 28	52·4	..	1014·2	+2·2	296·0	310	Sept. 19	289·9	278	March 15	293·0	−0·6	..	801	−108
545	Baghdad	33 21	44 28	38·7	1008·1	1012·6	+0·2	302·7	319·2	July 14	288·3	271·2	Feb. 3	295·5	+0·2	..	133	− 44
546	Lenkoran	38 46	48 52	−19	1019·1	1016·8	−0·1	..	305·2	July 22	283·7	260·7	Feb. 4	287·4	−0·7	*287·2*	867	−222
547	Busrah	30 31	47 53	7·6	1010·5	1011·6	−0·9	302·3	320·2	June 4	291·6	275·6	Feb. 4	296·9	+0·2	..	276	+117
548	Meshed	36 16	59 35	946	?906·5	?1013·4	..	?295·9	?313·2	July 31	?279·7	?254·2	Feb. 5	?287·6	?+1·1	..	?187	? − 51
549	Quetta	30 11	67 3	1677	832·5	..	+0·1	296·3	310·7	July 27	279·8	265·9	Dec. 27	288·1	+0·1	*287·9*	243	− 12
550																		
551	Lahore	31 34	74 20	214	984·8	1009·4	+0·4	304·4	317·7	May 30	289·7	273·4	Dec. 29	297·1	−0·3	*296·5*	633	+133
551a	Simla	31 7	77 8	2204·8	780·9	..	+0·5	288·4	298·2	May 30	282·4	270·8	Feb. 16, Dec. 16	285·4	−0·6	*285·2*	1370	− 23
552	Leh	34 10	77 42	3503	666·2	..	+0·1	284·6	301·2	Aug. 3	270·8	251·9	Jan. 26	277·7	−1·2	*276·8*	94	+ 11
552a	Dehra Dun	30 20	78 0	681	..	..	..	..	..	..	..	..	..	..	..	..	1566	−598
559	Hang Kow	30 35	114 17	37·0	1012·9	1017·5	+0·5	294·2	310·7	Aug. 18	286·4	269·9	Jan. 29	290·3	+0·1	*289·9*	1061	− 52
560	Tiensin	39 10	117 10	5·0	1017·0	1017·6	+0·1	290·4	311·1	July 24	280·2	257·2	Dec. 18	285·3	−0·2	..	430	−107
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	..	1015·9	+0·2	293·6	311·3	Aug. 20	283·8	264·4	Dec. 31	288·7	+0·7	..	1077	− 47
562	Jinsen (Chemulpo)	37 29	126 32	67·6	1008·5	1016·8	+0·8	287·4	304·3	July 31	279·3	254·6	Feb. 9	283·4	−0·5	282·9	806	− 52
562a	Nagasaki	32 44	129 52	133·0	999·5	1015·4	−0·1	292·3	305·7	July 30	284·9	268·8	Feb. 10	288·6	−0·7	288·1	1567	−228
563	Kioto	35 1	135 44	42·9	1009·9	1015·0	−0·4	293·0	309·2	Aug. 10	280·3	262·1	Feb. 12	286·7	−0·5	286·2	1343	−253
564	Tokio	35 41	139 45	21·3	1011·0	1013·6	−0·6	291·4	305·5	Aug. 12	282·3	267·1	Jan. 6	286·9	−0·4	286·4	1597	+160
565	Miyako	39 38	141 59	30·4	1009·5	1013·2	−0·8	288·3	303·3	July 25	277·5	260·2	Jan. 15	282·9	−1·0	282·1	1136	+165
566																		
		N.	E.														mm.	mm.

YEAR—ZONE 6. Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1015·6	1016·9	0·0	299·7	303·6	Oct. 5	294·0	287·4	Feb. 1	296·9	+0·3	..	47	−429
606																		
615	Zacatecas	22 47	102 35	2610	..	..	..	..	..	..	..	..	..	..	..	..	..	..
616	Leon	21 7	101 41	1798·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
617	Galveston	29 18	94 50	16·5	1016·1	1018·1	+1·5	295·9	310·2	July 20	290·7	270·2	Jan. 8	293·3	−0·4	*293·2*	1536	+345
618	New Orleans	29 58	90 4	15·5	1016·4	1018·3	+1·2	297·7	309·1	June 18	289·3	274·1	Feb. 14	293·5	+0·4	*293·1*	1616	+152
619	Havana	23 8	82 22	24·3	..	1017·3	+1·2	300·8	305·1	Sept. 14	294·5	287·8	Jan. 30	297·7	0·0	*297·5*	1178	− 99
620	Key West	24 33	81 48	6·7	1016·6	1017·3	+0·8	300·9	305·2	July 17, Aug. 2	295·4	285·8	Feb. 17	298·2	+0·3	*298·1*	761	−221
621	Nassau, Bahamas	25 5	77 21	7·6	..	1017·7	+1·2	300·8	305·8	Feb. 20, Aug. 15	295·2	290·5	Feb. 21, Nov. 10, 11	298·0	+0·2	..	1020	−404
622																		
633	Puerto de Orotava	28 25	16 32	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
634	Las Palmas, Canary Islands	28 7	W15 26	7	1018·4	1019·2	+0·7	297·3	306·0	Oct. 16	289·8	284·0	April 7	293·6	+0·2	..	128	− 57
637	Insalah	27 17	E 2 27	330	..	..	..	307·3	..	..	289·6	273·5	Feb. 15	298·4	+0·1	*298·2*	?0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1017·4	+0·6	305·1	322	July 13	288·2	273	Jan. 9, Mar. 5	296·6	−0·2	*297·4*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1014·3	+0·8	306·0	320	July 14	289·3	276	Jan. 17, Dec. 16	297·6	−1·0	*297·9*	..	..
643	Suez	29 57	32 32	3·4	..	1015·5	+1·6	301·9	316	July 13	287·0	277	sev. dates	294·4	−0·6	..	7	..
644	Aswan	24 2	32 53	99·6	..	1013·8	+0·6	306·2	319	June 21, July 14	289·9	279	sev. dates	298·0	−1·4	*298·7*	..	..
647	Bushire	28 59	50 53	4	1009·9	1010·5	+0·1	300·1	314·0	May 18	292·9	276·9	Feb. 5	296·5	−0·6	..	289	+ 2
648	Jask	25 44	57 47	4	1009·2	1009·7	−0·5	303·7	313·7	Aug. 26	296·2	285·4	Feb. 6	299·9	+0·3	..	128	+ 2
649	Kurrachee	24 53	66 57	4	1009·7	1010·1	+0·3	302·0	317·7	June 5	295·1	284·1	Jan. 26	298·6	+0·3	*298·0*	342	+144
650	Hyderabad, Sind	25 24	68 18	29	1005·7	1009·0	+0·2	306·4	320·8	June 4	293·1	278·8	Jan. 22	299·8	−0·4	..	537	+359
651	Jaipur	26 56	75 52	436	960·9	1009·8	+0·1	305·7	316·7	June 2	291·7	276·4	Jan. 23	298·7	+0·1	*298·0*	385	− 41
652	Nagpur	21 8	79 5	310	975·1	1009·9	+0·5	306·6	317·5	May 1, 9, 11	293·1	280·9	Dec. 19	299·9	0·0	*299·4*	1208	− 314
653	Allahabad	25 25	81 51	94	998·6	1009·3	+0·5	305·5	317·5	April 28	291·8	275·5	Dec. 30	298·7	−0·2	*298·0*	681	+465
654	Calcutta	22 36	88 23	6	1008·5	1009·2	+0·2	303·3	314·4	April 25	294·4	282·1	Dec. 28, 29	298·9	0·0	*298·6*	2193	
655	Gauhati	26 8	91 41	59	1003·9	1010·8	..	301·7	309·0	July 25, 30	291·9	279·7	Dec. 31	296·8	..	..	1686	+ 59
655a	Cherrapunji	25 15	91 42	1314	870·5	..	..	294·1	303·7	March 2	286·5	273·1	Jan. 16	290·3	..	..	10642	+4257
656	Shillong	25 33	91 48	1500	849·0	..	..	293·7	300·7	April 25	284·8	273·4	Dec. 25, 26	289·3	..	..	2273	+1137
656a	Akyab	20 11	92 56	6	1009·4	1010·4	+0·2	302·7	308·2	May 3, 7	294·8	284·1	Dec. 26, 27	298·8	−0·4	*298·6*	5431	+3194
657	Phu Lien	20 48	106 37	115·6	998·1	1011·5	+0·2	299·5	310·4	Sept. 9	293·2	281·8	Dec. 24	296·4	−0·2	*295·7*	1397	−1551
658	Moncay	21 31	107 51	9	1011·1	1012·1	+0·6	299·4	309·0	July 26, Aug. 17, 30	291·8	278·0	Dec. 31	295·6	−0·5	*294·9*	2526	+ 14
659																		
660	Hong Kong	22 18	114 10	33·2	1009·0	1012·9	+0·2	297·7	306·3	July 20, Aug. 16	293·1	279·7	Jan. 26	295·4	+0·1	295·2	2127	+ 52
661	Taihoku, Formosa	25 2	121 31	9·3	1013·0	1014·0	+0·4	299·0	310·1	June 4	291·5	279·3	Dec. 5	295·2	+0·1	294·7	2119	+ 52
662	Naha	26 13	127 41	10·5	1012·8	1014·0	+0·1	298·9	307·3	July 23	292·4	281·3	Feb. 12	295·6	+0·4	295·4	1907	−242
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N. YEAR—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N. ° ′	W. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	1529	..	..	..	..	..	..	..	..	..	..	..	..	..	..
716	Morelia	19 42	101 7	1933	..	..	..	..	..	..	..	..	..	..	..	..	..	..
717	Salina Cruz	16 12	95 16	56·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
718	Mexico	19 26	99 8	2280	..	..	..	..	301·5	April 24	..	?295·4	March 16, 17	..	..	..	..	..
718a	Oaxaca	17 4	96 44	1563	847·1	..	..	300·5	307·3	April 3	285·2	278·1	Jan. 3	292·9	..	*292·3*	..	..
719	Belize	19 29	88 12	1·9	..	..	..	302·7	306·9	Sept. 27	297·2	290·2	Jan. 4, Nov. 11	299·9	−0·5	*298·8*	3219	+ 856
720	San Salvador	13 44	89 9	657	939·3	1012·9	+1·9	..	308·5	April 4	..	284·0	Dec. 27	296·2	+0·4	..	1876	+ 140
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·5	+1·0	302·7	304·9	July 23	294·5	289·3	May 6	298·6	−0·3	*298·6*	1003	− 375
722	Port au Prince	18 34	72 22	37·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	1013·8	1014·5	..	301·7	305·1	Sept. 5	296·7	293·0	March 26	299·2	..	..	995	..
724	Grenada (Richmond Hill)	12 3	61 45	155·1	994·9	1012·8	+0·3	301·6	304·7	Sept. 6	296·1	293·0	March 17	298·9	−0·1	*298·4*	1901	− 17
725	Barbados	13 8	59 36	55·2	..	1012·0	+0·5	302·0	304·3	May 17	295·0	290·2	Jan. 26	298·5	−1·0	*298·3*	1173	− 170
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·7	1014·9	+0·9	297·7	303·0	sev. dates	292·9	285·0	May 20	295·3	−1·4	..	111	− 92
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·0	1015·9	..	299·8	304·6	July 6	295·2	290·8	Feb. 16	297·5	+0·2	..	176	− 101
733	Bathurst	13 24	16 36	1·5	1012·8	1013·0	+0·4	304·1	313·0	April 20	293·4	288·0	Jan. 2	298·8	+0·4	*299·5*	624	− 617
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	..	..	..	..	288·0	Jan. 24, 25	..	..	..	..	..
735	Segou	13 34	6 17	? 272	..	..	..	312·1	322·2	June 13	293·1	285·5	Feb. 28	..	..	..	..	..
736	Timbouctoo	16 43	W 2 52	250	982·0	1010·0	−0·3	..	..	..	293·1	279·2	Feb. 15	302·6	+0·2	*302·1*	142	..
737	Sokoto	13 2	E 5 14	354	..	..	..	308·9	318·0	April 2, 6, 11	294·2	284·7	Dec. 14, 18	301·6	+0·7	..	415	− 226
738	Kontagora	10 24	5 24	400	..	..	..	307·3	314·1	Mar. 22, Apr. 8	292·8	283·6	Dec. 14	300·1	+0·3	..	922	− 270
739	Maiduguri	11 48	13 12	370	..	..	..	310·3	319·1	April 5, 11	293·0	283·0	Dec. 20	301·7	+0·6	..	356	− 206
740	Katagum	12 17	10 22	307	..	..	..	309·8	319·1	April 11	292·2	280·8	Dec. 18	301·0	+0·7	..	352	− 151
741	Kadugli	11 2	29 45	503	..	..	..	308·9	317·0	April 26	291·6	283·0	Jan. 12	300·3	..	..	596	..
742	El Obeid	13 11	30 14	585	..	1013·5	+0·6	307·2	314	Apr. 18, May 23	290·4	279	Jan. 3, Dec. 18	298·8	−0·4	*299·2*	318	− 67
743	Khartoum	15 37	32 33	390	..	1011·2	+1·2	309·1	317	May 23, June 23	294·0	281	Dec. 18	301·6	−0·4	*301·9*	101	− 10
744	Aden	12 45	45 3	28·7	1008·4	1011·6	+0·7	303·7	310·7	May 31	298·7	293·2	Nov. 1	301·2	−0·2	*300·7*	13	− 54
751	Bombay	18 54	72 49	11·3	1009·7	1010·9	0·0	303·2	308·0	June 5	296·8	290·5	Feb, 26	300·0	+0·2	*299·4*	1804	− 22
752	Mysore	12 18	76 40	768	927·0	1011·4	+0·2	303·2	310·5	May 4	291·9	284·1	Jan. 3	297·6	+0·1	*296·8*	682	− 113
752a	Kodaikanal	10 13	77 28	2343	777·1	..	−0·1	291·9	298·3	May 13	283·6	277·2	Dec. 30	287·7	+0·3	*286·9*	1404	− 162
753	Madras	13 4	80 14	6·7	1009·7	1010·5	−0·1	306·2	314·9	May 13	297·4	290·4	Jan. 23	301·8	+0·5	301·0	1653	+ 396
754	Waltair	17 45	83 16	68·9	1002·3	1010·1	+0·5	303·5	310·8	June 15	297·0	289·6	Dec. 21	300·3	..	*299·7*	936	− 11
755	Port Blair	11 40	92 40	17·7	1008·6	1010·7	+0·1	303·4	308·1	May	298·1	293·6	Dec. 26	300·8	−0·1	*300·2*	2366	− 642
756	Rangoon	16 46	95 48	5·5	1010·5	1011·3	+0·3	304·8	312·7	April 30	295·6	287·4	Jan. 23	300·2	−0·2	*299·1*	2976	+ 497
757	Saigon	10 46	106 42	11·2	1008·3	1009·5	+0·3	305·1	310·6	April 27	296·1	290·2	Dec. 30	300·6	−0·2	..	1684	− 261
758	Nhatrang	12 16	109 12	6·8	1009·9	1010·6	+1·0	303·6	309·9	Aug. 6	295·5	289·1	Dec. 29	299·6	−0·5	..	1427	+ 26
759	Bolinao	16 24	119 53	9·7	..	1009·2	−0·1	304·9	309·1	April 23	296·4	291·1	Jan. 29, 31	300·7	−0·1	300·1	3457	+ 562
760	Vigan	17 34	120 23	14·7	..	1009·3	−0·1	?304·6	308·2	May 4	296·3	290·8	Jan. 18	300·5	−0·1	299·9	4447	+1625
761	Manila	14 35	120 59	14·2	..	1009·9	+0·1	304·9	309·5	June 4	295·3	290·2	April 2	300·1	−0·5	299·2	1921	− 9
762	Ormoc	11 0	124 36	5·6	..	1009·5	+0·2	303·9	307·9	June 2	295·6	291·8	Jan. 21, Feb. 11	299·8	+0·5	299·5	2680	+ 429
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1009·0	..	302·8	305·8	June 12	297·4	292·4	Feb. 12	300·1	+0·2	..	2095	..
		N.	E.															

YEAR—ZONE 8. Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		N. ° ′	W. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
805	Fanning Island	3 55	159 23	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
819	Calebra	9 10	79 40	123·1	..	1010·7	0·0	303·6	308·0	April 14	294·7	290·8	Jan. 4	299·2	+0·1	..	1755	− 500
822	Caracas	10 31	66 56	?	..	..	..	..	..	..	..	..	..	..	..	..	..	..
823	El Peru, Guayanavieja	7 30	62 0	?300	..	..	..	302·4	305·8	May 12, 14, 15	294·3	290·2	Feb. 14, Mar. 1	298·4	..	..	?	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1015·5	1015·7	+3·5	302·5	304·7	Sept., Oct.	296·8	294·1	Feb. 14	299·7	0·0	..	2297	− 113
826	Paramaribo	5 49	55 9	4	1013·3	1013·7	..	303·3	310·3	Dec. 17	295·8	291·0	Feb. 14	299·6	..	*299·0*	2195	− 76
826a	Cayenne	4 56	52 21	6	..	..	..	303·4	307·0	Sept. 7, Oct. 3	296·3	293·6	Oct. 15	299·8	0·0	*300·1*	3017	− 191
833	Conakry	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
834	Sierra Leone	9 31	13 43	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..
835	Cape Coast Castle	8 30	13 9	68·3	1004·1	1011·9	+0·2	304·5	311·6	May 7	295·2	288·6	Dec. 7	299·9	−0·3	..	3162	− 884
836	Accra	5 5	1 13	..	..	..	..	303·2	..	..	295·6	..	..	299·4	0·0	..	7795	?− 44
837	Lagos	5 35	W 0 6	18	..	..	..	302·9	..	..	295·9	..	..	299·4	+0·2	..	741	+ 54
838	Zungeru	6 22	E 3 28	7·6	..	1011·7	+0·3	303·8	310·5	Dec.	296·7	293·0	Dec.	300·3	+0·5	..	1541	− 298
838a	Libreville	9 48	6 10	130	..	1011·5	−0·2	307·3	314·1	April 1	293·7	286·3	Jan. 11	300·5	0·0	..	894	− 229
839	Yola	9 14	12 30	259	..	..	..	304·2	307·2	April 6	293·1	289·0	July 28	298·6	−0·3	..	1885	− 678
841	Kafia Kingi	9 12	9 26	35	..	..	..	307·6	315·2	Mar. 21, Apr. 1, 2, 5	294·9	286·9	Dec. 24	301·3	+0·4	..	761	− 221
842	Wau	7 42	28 3	440	..	..	..	..	..	..	292·9	283·5	Dec. 20	..	..	..	704	..
843	Entebbe	9 22	24 18	596	946·4	1011·1	+0·3	307·7	313	sev. dates	293·0	285	March 10	300·3	+0·4	..	874	− 190
844	Nandi	0 5	32 29	1171	..	..	+0·3	299·5	304·7	Dec. 29	290·1	288·0	July 1, 23	294·8	+0·3	*293·9*	1433	− 65
845	Harrar	9 0	42 8	2010	883·9	..	..	298·6	303·0	Jan. 29, Feb. 1	282·9	280·2	Nov. 2	290·8	+0·2	..	1696	− 38
851	Cothin	9 42	42 30	1856	..	..	..	298·2	302·0	Feb. 16, Mar. 5, 9	286·8	280·0	Jan. 19	292·5	..	..	709	..
852	Colombo Observatory	0 0	76 21	2·7	1011·2	1011·5	0·0	304·2	307·6	Feb. 2	297·1	292·3	Jan. 1	300·6	+0·3	*300·0*	2494	− 397
853	Candy	6 54	79 53	7·3	1009·1	1009·9	+0·2	303·1	306·3	March 1	296·6	291·6	Dec. 28	299·9	−0·7	*299·3*	2119	+ 109
855	Medan	7 18	80 40	504·5	..	..	..	301·8	308·3	April 10	293·5	284·6	March 13	297·7	+0·1	..	2923	+ 813
856	Kota Radja	3 35	98 41	23·5	..	1010·1	−0·3	..	..	..	..	..	..	..	..	..	2633	+ 589
857	Penang	5 32	95 20	7·1	..	1010·2	−0·4	..	..	..	..	..	..	..	..	..	1366	− 296
858	Singapore	1 17	103 51	2·2	1007·2	1007·8	−1·5	304·6	309·1	March 13	296·0	294·1	Jan. 26	300·3	−0·3	..	2915	+ 89
860	Sandakan	5 49	118 12	..	1009·9	1010·1	−0·6	304·3	307·3	Feb. 26	296·6	294·7	sev. dates	300·5	+0·3	..	3452	+1115
861	Tagbilaran	9 38	123 51	26·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
862	Surigao	9 48	125 29	6	..	1009·3	+0·4	304·4	307·9	March 29	295·7	291·2	Feb. 8	300·1	−0·6	299·3	?1307	?−629
863	Yap	9 29	138 8	31·9	..	?1009·3	?+0·3	?303·9	..	..	?296·3	?291·5	Feb. 11	?300·1	?−0·1	?299·6	?3264	?+130
869	Uyelang	9 42	161 2	<10	..	1007·9	..	304·5	307·0	Nov. 16	297·2	294·8	March 15	300·8	..	..	?2362	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

YEAR—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
906																		
923	Manaos	3 8	59 59	44·9	1004·4	1009·5	+1·4	..	309·4	Oct. 14	..	294·8	Aug. 26	300·5	−0·9	..	1981	+ 399
929	Quixeramobim	5 16	39 15	207·0	989·4	1012·9	+2·6	..	308·2	Oct. 18, Nov.	..	292·9	July 2	300·0	−0·5	*299·9*	970	..
930	Fernando Noronha	3 51	W32 25	95	1000·9	1011·9	+0·4	..	302·9	Dec.	..	291·6	Nov.	298·5	..	..	1585	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	..	309·5	March 22	..	287·0	July 23	..	..	..	..	..
940	Loango	4 38	11 50	? 50	..	..	..	..	..	..	..	289·5	Aug. 3	..	..	..	..	..
943	Daressalam	6 49	39 18	7·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
944	Nairobi	1 18	36 59	1660	..	..	..	295·9	301·2	Oct. 16	284·2	275·5	Aug. 1	290·1	−0·4	..	870	− 165
944*a*	Zanzibar	6 10	39 11	21·9	1013·4	1015·9	+0·3	301·9	305·5	Dec. 14	297·6	294·6	Aug. 17	299·8	+0·1	*299·0*	1353	− 255
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	304·2	306·3	March 6	297·3	294·1	June 11, July 1	300·8	..	..	978	− 399
947	Seychelles	4 37	55 27	4·6	..	1012·3	+0·3	301·5	304·2	..	298·2	294·7	..	299·9	+0·5	..	1725	− 99
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·8	−0·3	303·4	306·9	Jan. 22	296·0	294·0	March 20	299·7	..	299·2	4845	+ 335
957	Batavia	6 11	106 50	8	1009·4	1010·3	+0·3	303·2	306·0	Nov. 25	296·5	293·6	Aug. 29	299·8	+0·3	299·4	1640	+ 165
958	Pontianak	0 1	109 20	2·6	..	1010·6	+1·2	303·8	306·7	May 11	296·1	293·2	March 11	300·0	..	299·0	3614	+ 423
959	Passeroean	7 38	112 55	5·0	..	1010·1	+0·2	..	..	..	..	..	..	..	..	..	1234	− 31
960	Kajoemas	7 56	114 9	950	..	..	..	296·9	302·2	Oct. 21	290·5	286·4	Aug. 17	293·7	..	293·0	2466	− 307
961	Koepang	10 10	123 34	3·3	..	1010·7	+1·3	304·2	308·5	Nov. 4	294·9	288·3	July 28	299·6	..	299·2	1171	+197
962	Ambon	3 42	128 10	4·2	..	1010·2	+0·8	302·2	307·0	Feb. 21	296·0	292·2	Sept. 15	299·1	0·0	298·5	5418	
965	Daru	9 4	143 13	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
966	Port Moresby	9 29	147 9	39	..	..	..	..	..	..	..	..	..	..	..	..	..	..
967																		
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	3926	−1172
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1008·2	1008·4	0·0	304·1	309·1	Dec. 8	297·5	295·8	sev. dates	300·8	+0·4	..	2285	− 242
970	Ocean Island	0 52	169 36	25·6	1004·6	1007·5	−0·7	304·4	306·9	Aug. 23, Dec. 2, 3	297·3	294·7	Jan. 8, 9, Feb. 20	300·9	0·0	*300·2*	1965	
		S.	E.															

YEAR—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																	..	..
1002	Apia Samoa	13 48	171 46	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1004																		
1007	Tahiti (Makatea)	15 47	148 14	47	1006·3	1011·7	+0·1	303·3	307·6	Feb. 11	295·7	289·8	July 10	299·5	..	..	2469	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	1012·4	1013·6	+0·4	297·3	305·2	March 4	287·4	283·0	June 29	292·4	+0·6	*292·3*	0	− 73
1022	Arequipa	16 22	71 33	2451	761·9	..	+0·1	293·0	296·9	Sept. 20	281·8	277·4	sev. dates	287·4	0·0	*287·4*	73	− 134
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	296·3	306	Oct. 11, 12, 14	280·2	273	June 23, 25, 28, Jul. 18	288·3	−0·7	..	560	− 36
1025																		
1026	Cuyaba	15 36	56 0	235	991·7	1018·5	0·0	303·7	309·8	..	296·5	284·9	..	300·1	+0·7	..	1391	..
1027	Bello Horizonte	19 55	43 56	857·0	919·5	1015·3	..	300·4	307·2	Jan. 8	287·4	279·6	May 31	293·9	..	..	1862	..
1028	Cætite	14 2	42 37	900	913·7	1013·5	..	..	307·7	Jan. 24	..	285·2	July 18, Aug.	295·4	..	..	681	..
1029	Ondina	13 12	38 30	46·6	1009·2	1014·6	..	..	307·8	Oct. 17	..	291·5	Aug. 14, Sept.	298·5	..	..	2245	..
1030	Aracaju	10 55	37 4	4·3	1013·8	1014·3	..	..	304·9	June 3	..	292·9	Aug. 6	299·5	..	..	741	..
1035	St. Helena	15 57	W 5 40	632	946·1	1018·0	−1·3	293·9	300·8	Feb. 9, Mar. 9, 18	286·9	283·6	Aug. 19	290·4	+1·0	*290·1*	1109	+ 90
1036																		
1041																		
1042	Gwelo	19 27	E29 49	1416	860·0	..	−0·5	300·2	311·0	Dec. 3	285·0	274·9	July 2	292·6	+1·4	..	..	..
1043	Salisbury, Rhodesia	17 49	31 3	1487	858·2	..	+1·1	299·7	312·0	Dec. 27	284·0	273·6	June	291·9	+0·5	..	..	..
1044	Zomba	15 23	35 18	954	909·0	1015·3	+1·2	299·8	306·6	Nov. 13	287·3	281·3	June 14	293·5	−0·1	*292·1*	1314	− 211
1045	Tamatave	18 9	49 26	4	..	..	..	..	..	..	..	289·9	Aug. 5, 6, 9	..	..	..	..	..
1046	Tananarivo	18 55	47 32	1400	866·2	..	+0·7	297·2	303·2	Oct. 24	285·8	279·2	Aug. 5	291·5	−0·9	290·5	1573	
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1012·6	−0·3	301·9	305·2	Feb. 26, Dec. 18	297·4	294·6	Aug. 28	299·7	−0·2	..	2108	+ 338
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1008·6	1009·3	+0·3	303·5	305·9	Dec.	296·6	292·7	July	300·1	0·0	..	2012	− 218
1058																		
1061	Derby	17 18	123 40	16·2	..	1012·2	+1·5	305·7	316·9	Nov. 14	294·2	282·3	July 3	300·0	−0·6	..	442	− 241
1062	Hall's Creek	18 13	127 46	373·6	..	1012·2	+0·8	306·2	316·8	Dec. 3	289·8	274·1	July 2, 3	298·0	−0·5	..	396	− 278
1063	Port Darwin	12 28	130 51	29·6	..	1010·4	+1·2	304·9	311·2	Nov. 24	296·1	288·7	May 29	300·5	−0·6	*299·4*	1104	− 477
1064	Daly Waters	16 16	133 23	210·6	..	1009·5	..	306·9	316·9	Nov. 20	292·1	279·1	June 1	299·5	−0·4	*298·9*	419	+ 417
1065	Mein	13 13	142 57	121·9	..	1009·7	..	304·1	312·4	Dec. 8	293·9	283·2	June 12	299·0	..	..	1613	+ 413
1066	Georgetown, Queensland	18 23	143 33	301·8	..	..	..	304·7	315·6	Oct. 30	290·7	275·2	June 11	297·7	..	..	761	− 350
1067	Samarai	10 37	150 40	6·4	..	1009·1	−1·2	..	..	..	296·7	..	..	..	..	..	2367	
1068																		
1071																		
1072	Suva, Fiji	18 8	178 26	5·2	..	1012·8	0·0	300·2	304·7	Jan. 9, Apr. 3, 4, 5	294·8	289·7	Aug. 17	297·5	−0·6	..	3113	+ 356
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

YEAR—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	299·5	306·1	Jan. 28	293·3	285·8	sev. dates	296·4	..	..	1674	−295
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	1014·3	1017·8	..	296·0	301·4	March 1	290·2	283·4	July 15	293·1	..	*292·8*	1565	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	1012·7	1015·7	−0·4	291·1	297·0	Feb. 15	284·4	278·0	Nov. 21, 30	287·8	+0·2	*287·7*	2	−139
1122	Puerto de Antofagasta	23 39	70 25	5	1015·2	1015·8	+1·4	298·1	302·9	Jan. 14, 31, Feb. 10	286·2	283·0	July 13	292·2	+0·2	*291·8*	0	− 19
1125	Goya	29 9	59 15	64	1008·9	1016·5	+0·2	300·4	313·0	Jan. 19	288·9	274·3	Aug. 26	294·7	+0·9	*294·3*	1066	+ 36
1126	Porto Alegre	30 2	51 13	15	1015·5	1017·3	..	298·2	311·0	Feb. 6	287·5	274·4	Aug. 26	292·9	..	..	982	+ 91
1127	Curityba	25 26	49 16	908	914·5	1016·8	−0·2	296·4	307·4	Nov. 16	284·2	268·2	Aug. 26	290·3	+0·4	*289·8*	1021	−421
1128	Rio de Janeiro	22 54	W43 10	64	1008·4	1015·9	+0·5	298·7	307·2	March 3	293·5	288·1	Oct. 20	296·1	−0·7	*295·8*	960	−141
1139	Windhuk	22 34	E17 5	1665·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1140																		
1141	Johannesburg	26 11	28 4	1874	..	..	..	294·5	305·2	Dec. 23	283·1	270·5	Aug. 14	288·8	+0·5	*288·4*	660	− 63
1142	Kimberley	28 42	28 47	1202	883·5	..	−0·2	299·2	312·5	Jan. 26	283·3	269·7	July 15	291·3	+0·5	290·8	347	− 99
1142a	Pretoria	25 45	28 11	1338	871·0	..	−0·1	299·1	311·4	Dec. 24	282·6	270·4	July 18	290·9	+0·1	..	713	− 32
1143	Durban	29 51	31 0	14·3	1015·9	1017·6	−1·9	295·2	305·2	Jan. 21, 23	290·3	281·9	July 17	292·7	−1·8	..	1568	+527
1144	Lorenzo Marques	25 58	32 36	59	..	1016·7	−0·4	301·0	316·4	Dec. 3	291·0	282·2	Aug. 17	296·0	+0·3	295·5	617	− 59
1147	Mauritius	20 6	57 33	54·3	1009·6	1016·0	−0·2	299·7	306·4	Dec. 6	292·2	284·3	July 26, Aug. 1	296·0	−0·4	295·6	1368	+100
1148																		
1159	Onslow	21 43	114 57	4·3	..	1012·2	+0·4	303·9	317·8	Feb. 20	290·6	280·2	May 31	297·3	−0·1	..	165	− 61
1160	Peak Hill	25 38	118 47	588·3	..	1012·2	−0·3	302·2	315·8	Jan. 23	289·0	276·8	June 27	295·6	+0·4	..	295	+ 29
1161	Nullagine	21 53	120 5	385·6	..	1012·3	+0·7	305·9	317·7	Feb. 2	289·5	271·9	June 28	297·7	+0·2	..	154	−170
1162	Laverton	28 40	122 23	466·3	..	1012·3	+0·8	300·2	316·6	Jan. 24, 26, Nov. 28	286·4	272·7	June 27	293·3	+0·5	..	195	− 56
1163	Alice Springs	23 38	133 37	587·0	..	1013·5	+0·3	301·2	316·1	Dec. 30	285·6	269·4	June 22	293·4	−0·6	*293·4*	214	− 68
1164	William Creek	28 55	136 21	76·2	..	1016·1	..	300·4	319·7	Jan. 27	285·8	269·9	July 6	293·1	..	*292·9*	159	+ 21
1165	Boulia	22 55	139 38	145·7	..	..	..	..	317·9	Nov. 20	..	..	..	..	..	..	348	+ 73
1166	Mitchell	26 32	147 52	337·1	..	1014·4	..	299·6	316·9	Dec. 4	284·2	268·6	Aug. 15	291·9	..	..	707	+ 82
1167	Rockhampton	23 24	150 30	11·3	..	1014·8	..	301·4	317·2	Dec. 4	289·7	276·4	Aug. 12, 15	295·6	..	..	1325	+274
1168	Brisbane	27 28	153 2	41·7	..	1015·6	−0·1	298·9	314·2	Nov. 18	288·3	277·2	Aug. 11	293·6	+0·2	..	1037	−163
1169	Noumea	22 16	166 27	9	1009·5	1010·5	..	301·4	306·0	April 6	293·1	287·0	Sept. 2	297·3	+1·1	..	1005	− 92
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		S.	E.															

Between Latitude 30° S. and 40° S.

YEAR—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	1018·3	1019·5	−0·6	291·7	300·5	Feb. 23	286·5	280·5	Sept. 11	289·1	+0·1	..	1065	+150
1221	Punta Angeles, Valparaiso	33 1	71 38	40	1011·4	1016·2	−0·1	292·5	304·3	Oct. 16	284·4	279·0	June 5	288·5	−1·0	*287·3*	293	−208
1222	Santiago	33 27	70 42	520	955·4	1015·7	+0·1	296·1	309·0	Nov. 19	280·3	271·0	June 4	288·2	+0·5	287·0	268	− 96
1223	Cordoba	31 25	64 12	439	964·5	1015·1	−1·3	298·6	312·7	Feb. 4	284·9	270·8	June 5	290·0	+0·3	*290·0*	1136	+203
1224	Buenos Ayres	34 16	64 11	25·2	1012·3	1015·3	0·0	295·1	309·6	Feb. 28	288·9	277·5	June 25	291·8	+0·1	..	873	− 72
1225	Rio Grande	32 2	52 6	2·3	1015·4	1015·7	+0·5	294·6	306·4	Feb. 19	..	276·5	June 28	..	..	290·2	975	− 22
1226	Montevideo	34 55	W56 13	29·3	..	1015·4	+1·0	..	308·5	..	..	..	..	..	..	..	..	..
1239	Cape Town	33 56	E18 29	12	1015·8	1017·2	+0·2	295·0	311·7	Jan. 14	285·6	275·4	July 9	290·3	+0·6	*288·9*	608	− 41
1240	Danger Point	34 37	19 18	20	..	..	..	..	..	..	..	..	..	..	..	..	582	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	297·0	310·8	Jan. 13	283·9	273·0	July 10	290·4	+1·7	..	448	+ 4
1242	East London	33 2	27 55	10·1	1015·7	1016·9	−0·2	295·2	305·8	May 16	287·2	278·0	July 10, 11	291·2	−0·1	..	811	+210
1259	Perth (Observatory)	31 57	115 51	60·0	..	1016·9	+0·3	295·7	313·3	Nov. 24	285·7	275·8	July 18, 19	290·7	0·0	..	972	+120
1260	Katanning	33 42	117 35	309·7	..	1016·0	−0·3	294·7	314·8	Jan. 21	282·4	271·9	July 21	288·6	−0·4	..	627	+179
1261	Coolgardie	30 57	121 10	423·3	..	1016·0	+0·1	298·3	316·3	Jan. 22	284·4	273·0	July 19	291·4	+0·4	..	277	+ 39
1262	Eucla	31 45	128 58	4·6	..	1017·0	+0·5	295·4	319·7	Nov. 16	285·1	274·1	Aug. 9	290·3	−0·2	..	168	− 90
1263	Streaky Bay	32 48	134 13	13·1	..	1018·4	+1·4	296·3	318·4	Nov. 30	284·5	272·6	July 4	290·4	+0·3	..	313	− 74
1264	Adelaide	34 56	138 35	42·7	..	1017·9	+0·9	295·6	316·7	Dec. 1	284·7	273·4	June 12	290·2	0·0	*289·9*	462	− 62
1265																		
1266	Melbourne	37 49	144 57	35·1	..	1016·9	+0·5	292·3	313·7	Feb. 4	283·1	272·3	Aug. 14	287·7	+0·1	*287·4*	538	−107
1267	Bourke	30 13	145 58	110·1	..	1018·6	+1·6	299·9	320·5	Jan. 28	285·7	272·3	July 15	292·8	−0·9	..	238	−145
1268	Sydney	33 51	151 13	44·5	..	1016·2	+0·1	294·6	311·1	Jan. 25	286·8	278·0	Aug. 15	290·7	+0·5	..	1466	+248
1271	Lord Howe Island	31 32	159 4	..	..	..	..	295·4	302·9	Feb. 17	289·2	280·8	Oct. 3	292·3	..	..	1746	− 37
1272	Auckland	36 50	174 50	38·1	..	..	..	290·7	299·4	Jan. 22	284·1	275·5	June 26	287·4	−0·7	..	970	−110
		S.	E.															

Between Latitude 40° S. and 50° S.

YEAR—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	103·6	..	1012·2	+4·0	286·4	296·9	Jan. 27, 28	280·6	273·6	July 25	283·5	−0·4	..	1439	+692
1302																		
1321	Punta Corona	41 51	73 50	25	1007·2	1010·2	−5·4	286·5	295·6	Feb. 15	281·0	276·0	Aug. 21, 22	283·8	−0·1	*283·4*	2131	+ 66
1322	Punta Galera	40 1	73 44	40	1011·9	1016·8	+0·8	286·8	294·5	Feb. 15	281·9	275·2	Aug. 22	284·4	+0·1	*284·1*	2161	−129
1323	Bahia Blanca	38 45	W62 12	20	1011·7	1014·1	+2·1	296·6	314·2	Jan. 13	284·3	267·0	June 3	290·4	+1·6	*290·8*	325	−186
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1012·4	+0·2	289·5	311·5	Dec. 30	281·0	271·5	June 12	285·3	−0·1	*284·5*	492	−105
1366	Launceston	41 27	147 10	9·4	..	1013·5	+0·3	291·2	305·8	Feb. 13, Dec. 22	280·0	269·2	June 12	285·6	0·0	..	607	−106
1369																		
1370	Dunedin	45 52	170 31	76	..	1009·7	−1·8	287·2	304·7	Jan. 14	279·5	271·9	July 11	283·4	+0·1	..	1137	+168
1371	Christchurch	43 32	172 38	7·6	..	1011·2	−2·0	288·8	304·4	Jan. 20	279·0	268·4	June 14	283·9	−0·6	..	699	+ 62
1372	Wellington	41 16	174 46	2·4	..	1013·1	−0·4	289·0	299·6	Jan. 16	282·9	274·1	May 22	285·9	−0·2	..	1321	+ 51
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

YEAR—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W. / E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	995·1	1001·8	+4·1	..	286·6	April 3	276·9	272·5	Aug. 4	..	..	279·3	3477	+449
1422	Puerto de Punta Arenas	53 10	70 54	4	1000·3	1000·8	+2·6	283·0	298·2	Dec. 17	276·2	265·0	July 25	279·6	−0·1	279·4	542	+151
1423	Punta Dungeness	52 24	68 25	5	1000·0	1000·6	−0·7	282·9	299·4	Feb. 2	..	..	..	..	..	..	223	..
1425	Cape Pembroke	51 41	57 42	15	998·7	1001·2	−0·5	281·6	296·9	Feb. 3	275·3	266·9	June 21	278·5	+0·1	279·0	..	−6
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	663	+271
1429	S. Georgia (Cumberland Bay)	54 14	W36 34	3·7	995·0	995·5	−1·3	277·5	293·0	Feb. 17	271·0	260·4	June 26	274·3	−0·9	273·9	1613	..
1467	Macquarie Is.	54 30 S.	E158 57 E.	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..

YEAR—ZONE 15. Between Latitude 60° S. and 70° S.

1527 1528	South Orkneys	° ′ S. 60 44	° ′ W. 44 39	6·9 metres.	991·3 mb.	992·2 mb.	−0·1 mb.	.. a.	282·6 a.	Dec.	.. a.	237·0 a.	June	.. a.	−0·5 a.	268·0 a.	441 mm.	+ mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

STATE OF ICE IN THE ARCTIC SEAS, THE ATLANTIC OCEAN, AND IN THE SOUTHERN OCEAN.—YEAR 1913.

* "*Kara Sea.*—The ice began to break up in July, which is earlier than the average, but its disappearance was slow, so that for the whole summer (April to August) the average area of sea ice-covered—233×10^3 sq. km.—was slightly above the normal, which is 228×10^3 sq. km."

**Barents Sea.*—"The ice was slow in disappearing, especially to the N.E. of Bear Island, where it was accumulated by the prevailing W. winds until the end of July, when it broke up rapidly. For the period April to August the average ice-covered area was 846×10^3 sq. km., compared with the normal of 795×10^3 sq. km.

**Spitsbergen.*—"The W. coast was very free from ice, owing to the prevailing W. winds; but even on the E. coast and in Storiord there was much open water, but the ice E. of North East Land remained stationary throughout the summer."

**Greenland Sea.*—"The ice remained off Angmagsalik until October, which is uncommonly late, as in some years the sea is open as early as July. The average area occupied by the ice from April to August was 992×10^3 sq. km., compared with a normal of only 888×10^3 sq. km."

**Iceland.*—"The coasts were not visited by the polar-ice during 1913, though isolated hummocks and pack off North Land indicated that it was not very distant."

North Atlantic and Labrador.—"The amount of field-ice was small, and the number of icebergs was much smaller than in 1912, also the limits of the icebergs may be considered as usual. In the *Belle Isle Strait*, and E. of it, icebergs were very numerous, especially in September and October."

**Davis Strait and Baffin Bay.*—"The winter ice (1912–1913) was unimportant, the Storis was not extensive, and hardly passed Frederikshaab."

SOUTHERN OCEAN.

The number of ice reports received each month during 1913, compared with the average 1885 to 1913, is :—

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1913	3	6	2	5	5	1	0	0	0	3	0	6	31
Average	5	5	5	4	3	1	4	5	5	5	7	7	59

* *Isforholdene i de arktiske Have, 1913 and 1914*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, 1913.

TABLE SHOWING THE AUTHORITIES FOR THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1913 AND THE AUTHORITIES FOR THE NORMALS, TOGETHER WITH THE HOURS OF OBSERVATION, FORMULÆ FOR MEANS, ETC.

Between Latitude 80° N. and 70° N. ZONE 1.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
123	North Star Bay	Copenhagen, Dansk Meteor. Aarbog, 1913.	..	$P=\frac{1}{3}(8+14+21)$. True mean $T=\frac{1}{4}(8+14+2\times21)$.
125	Upernivik	See No. 123.	M.S. normals prepared in M.O.	Do. do.
139	Spitsbergen	Kristiania, Jahrb. d. Norweg. Meteor. Instituts, 1913, 1914.	P, M.S. normals prepared in M.O.	P, T=mean of 24 hrs.
140				
141	Gjesvaer	Kristiania, Jahrb. d. Norweg. Meteor. Instituts, 1913.	P, T, Klimatabeller for Norge; II, Lufttryck, 1896; I, Luftenstemperatur, 1895. R, Nedböriagtagelser i Norge, 1912.	$P=\frac{1}{3}$ (I + II + III) + corr. to reduce to mean of 24 hrs. True mean $T=n-k(n-\text{min.})$ where n is the mean of the three fixed daily observations, and k is a factor varying with the station and month.
142	Mehavn	Do. do.		
143	Vardö	Do. do.		
144		Do. do.		
147	Malye Karmakouly	M.S. data supplied by Nicholas Central Physical Observatory.	M.S. normals prepared in M.O.	P, T=$\frac{1}{3}$ (7+13+21). No max. ther.

Between Latitude 70° N. and 60° N. ZONE 2.

203	Nome	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, and M.S. data.	..	P reduced to mean of 24 hrs.
205	Tanana	See No. 203.	..	Do. do.
207	Valdez	Do.	..	Do. do.
208	Eagle	Do.	R, Brooks, A. H., The Geology and Geography of Alaska, 1906.	Do. do.
209	Dawson	Toronto, Meteor. Service, Monthly Weather Review, and Ann. Rep.	P, prepared in M.O. T, Toronto, Meteor. Service, Ann. Rep., 1906. R, Ottawa, Canada's Fertile Northland, 1908.	P=$\frac{1}{3}$ (8+16+20), Jan., Mar., Apr., June, Aug., Dec. P=$\frac{1}{3}$ (8+20), Feb., May, July, Sept., Oct., Nov.
210	Carcross	Do. do.	..	..
212	Fort Simpson	M.S. data supplied by Canadian Meteor. Service.	T, R, Ottawa, Canada's Fertile Northland, 1908.	P=$\frac{1}{3}$ (8+16).
213	Hay River	Do. do.	..	..
214	Fort Resolution	Do.	T, Do. do.	P=$\frac{1}{3}$ (8+17).
225	Jacobshavn	Toronto, Meteor. Service, Ann. Rep.	..	..
226		Copenhagen, Dansk. Meteor. Aarbog, 1913.	M.S. normals prepared in M.O.	P=$\frac{1}{3}$ (8+14+21). True mean $T=\frac{1}{4}(8+14+2\times21)$.
229	Godthaab	Do. do.	Do. do.	Do. do.
231	Angmagsalik	Do. do.	P, prepared in M.O.	Do. do.
232	Stykkisholm	Do. do.	Eléménts météor. des iles Féroé, etc., 1899.	Do. do.
233	Vestmanno	Do. do.	Do. do.	Do. do.
234	Grimsey (Akureyri)	Do. do.	Do. do.	Do. do.
	Bernfjord	Do. do	P, prepared in M.O. T, R, Eléménts météor. des iles Féroé, etc., 1899.	Do. do.
235			Do. do.	P=$\frac{1}{3}$ (7+13+21).
236	Thorshavn	Do. do.	See current data.	
	Lerwick	London, Monthly Weath. Rep. of Meteor. Office, 1913.		
237	Bergen (Met. Obs.)	Kristiania, Jahrb. d. Norweg. Meteor. Instituts, 1913.	P, T, Klimatabeller for Norge; II, Lufttryck, 1896; I, Luftenstemperatur, 1895. R, Nedböriagtagelser i Norge, 1912.	See Gjesvaer, No. 141.
238		Do. do.		
239	Christiansund	Do. do.		P=$\frac{1}{3}$ (8+14+21).
240	Trondhjem	Do. do.		
241	Bodö	Do. do.	P, Hamberg, Press. moy. en Suède, 1860–95. T, Calc. from Hamberg, Grandeur de la variation . . . de temp., 1912. R, Nederborden i Sverige, 1860–1910.	
	Haparanda	Stockholm, Meteor. Iakttagelser i Sverige, 1913.		
242	Helsingfors	Petrograd, Nicholas Central Physical Obs., Monthly Meteor. Bulletin, 1913.	P, R, Atlas Climat. de Russie. T, see current data.	P=7 h.; T=$\frac{1}{3}$ (7+13+21).
242a	Kuopio	Do. do.	P, Rung, Répartition de pression sur l'Europe, 1904. T, see current data.	Do. do.
243	Kola	M.S. data supplied by Nicholas Central Physical Obs., Petrograd.	Atlas Climat. de Russie.	P=$\frac{1}{3}$ (7+13+21).
244	Petrozavodsk	See No. 242.	P, Atlas Climat. de Russie. T, see current data.	P=7 h. T=$\frac{1}{3}$ (7+13+21).
245	Arkhangelsk	Do.	P, R, Atlas Climat. de Russie. T, see current data.	Do. do.
246			..	See No. 243.
247	Velsk	See No. 243.	P, prepared in M.O. T, see current data.	P=7 h. T=$\frac{1}{3}$ (7+13+21).
248	Oust-Tsylma	See No. 242.	..	P, T=$\frac{1}{3}$ (7+13+21). No max. ther.
249	Troitsko-Petcherskoe	See No. 243.	P, R, Atlas Climat. de Russie. T, Wild, Temperatur-Verhältnisse des Russischen Reiches.	Do. do.
	Berezov	M.S. data supplied by Magn. and Meteor. Obs., Ekaterinburg.	Prepared in M.O.	..
250			Do.	Do. do.
251	Obdorsk	Do. do.	..	Do. do.
253	Sourgout	Do. do.	..	See No. 248.
254	Touroukhansk	Do.	P, T, Buchan, "Challenger" Rep. on Atmospheric Circulation.	Do.
261	Doudinka	..	See No. 249.	..
	Oleminsk	See No. 243.	P, prepared in M.O. T, R, Atlas Climat. de Russie.	Do.
262		Do.	..	..
263	Iakoutsk	..	..	Do.
	Verkholansk	Do.		P, T=$\frac{1}{3}$ (7+13+21).
264		Do.		
272	Oust-Maiskoe	..		
	Novo-Mariinskii Post	M.S. data supplied by Observatoire Météor., Vladivostok.		

ZONE 3. Table showing the Authorities for the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
303	Dutch Harbour	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, and M.S. data.	..	**P** reduced to mean of 24 hrs.
309	Sitka	Do. do.	**P,** U.S. Coast and Geodetic Survey, Pacific Coast Pilot. **T,** prepared in M.O. **R,** Brooks, Geogr. and Geol. of Alaska.	Do.
310	Prince Rupert	Toronto, Meteor. Service, Monthly Weather Review, 1913.	..	**P**=½ (5+17).
311	Barkerville	Do. do.	**T, R,** see current data.	Do.
312	Kamloops	Do. do.	**P,** Toronto, Meteor. Service, Ann. Rep., 1906. **T. R.,** see current data.	Do.
313	Calgary	Do. do.		**P**=½ (5½+17½).
314	Fort Chipewyan	..	..	..
315	Prince Albert	See No. 310.	**P, T,** Toronto, Meteor. Service, Ann. Rep., 1906. **R,** see current data.	**P**=½ (6+18).
316	Qu'Appelle	Do.	Do. do.	Do.
317	Minnedosa	Do.	**T, R,** see current data.	**P**=½ (7+19).
318	Berens River	Toronto, Meteor. Service, Ann. Rep.	..	..
318*a*	York Factory	M.S. data supplied by Canadian Meteor. Service.	M.S. normals prepared in M.O.	**P**=⅓ (8+14+22).
319	Fort Hope	..	..	..
320	Moose Factory	See No. 318*a*.	**T, R,** Ottawa, Canada's Fertile Northland, 1908.	**P**=½ (9+19).
321				
322				
323	Hebron	..	..	..
324	Nain	..	..	..
325	Davis Inlet (Fort Chimio)	See No. 318*a*.	..	..
326	Point Riche	See No. 318.	**T, R,** Differences in Monthly Weather Review.	**T**=⅓ (7+14+21).
327	Belle Isle	Do.	M.S. normals prepared in M.O.	**P**=⅓ (8+14+20).
328				
329				
334	Valencia	London, Monthly Weath. Rep. of Meteor. Office, 1913.	See current data.	**P**=½ (9+21).
335	Aberdeen	Do. do.	Do.	Do.
336	Greenwich	Do. do.	Do.	Do. Diff. = 24 hrs. mean—normal 24 hrs. mean.
337	Uccle	Brussels, Annuaire de l'Obs. de Belgique, 1913.	**P,** from Pressure Values, publ. by Solar Physics Ctee. **T, R,** Annuaire, 1912.	**P**=mean of 24 hrs.
338	De Bilt	Utrecht, Nederlandsch Meteor. Jaarboek, 1913.	**P,** prepared in M.O. **T, R,** Maand. Overzicht der Weergestildheid.	Do.
338*a*	Hamburg	M.S. data supplied by Nederlandsch Meteor. Inst.	Hamburg, Ergebn. der Meteor. Beob. in Deutschland. **P,** 1876–1910. **T, R,** 1876–1900. Hamburg, 1904, 1910, 1912.	Do.
339	Copenhagen	Copenhagen, Dansk Meteor. Aarbog, 1913.	Willaume-Jantzen, Meteor. Obs. i. Kjøbenhavn, 1896.	**P**=⅓ (8+14+21).
340	Potsdam	See No. 338*a*.	**P,** Hann,* and Rung, Répartition de Pression sur l'Europe. **T,** prepared in M.O. **R.**†	**P**=mean of 24 hrs.
340*a*	Upsala	Stockholm, Meteor. Iakttagelser i Sverige, 1913.	**P,** Hamberg, Press. moy. en Suède, 1860–95. **T,** Hamberg, Grandeur de la variation . . . de temp. **R,** Nederborden i Sverige, 1860–1910.	**P**=⅓ (8+14+21).
341	Warsaw	Petrograd, Nicholas Centr. Phys. Obs., Monthly Meteor. Bulletin, 1913.	**P, R,** Atlas Climat. de Russie. **T,** see current data.	**P**=7 h. **T**=⅓ (7+13+21).
342	Jurjev	Do. do.	**P,** Atlas Climat. de Russie. **T, R,** see current data.	Do.
343	Petrograd	Do. do.	See No. 341.	Do.
344	Kiev	Do. do.	Do.	Do.
344*a*	Moscow	Do. do.	Do.	Do.
345	Saratov	Do. do.	**P,** Buchan and Rung. **T,** see current data. **R,** Atlas Climat. de Russie.	Do
346	Kazan	Do. do.	See No. 341.	Do.
347	Orenburg	Do. do.	Do.	Do.
348	Perm	Do. do.	**P,** Rung, Répartition de Pression sur l'Europe. **T, R,** see current data.	Do.
349	Ekaterinburg	Do. do.	See No. 341.	Do.
350	Tobolsk	M.S. data supplied by Magn. and Meteor. Obs., Ekaterinburg.	**T,** Wild, Temp. Verh. des Russ. Reiches. **R,** Atlas Climat. de Russie.	**P, T**=⅓ (7+13+21). No. max. ther.
351	Akmolinsk	Do. do.	Atlas Climat. de Russie.	Do. do.
352	Omsk	Do. do.	**R,** prepared in M.O.	..
353	Barnaoul	Do. do.	**P, R,** Atlas Climat. de Russie. **T,** Wild, Temp. Verh. des Russ. Reiches.	See No. 350.
354	Tomsk	Do. do.	Do. do.	Do.
355	Minousinsk	M.S. data supplied by Nicholas Central Physical Obs., Petrograd.	**R,** Atlas Climat. de Russie.	Do.
356	Eniseisk	Do. do.	See No. 351.	Do.
357	Irkoutsk	Do. do.	See No. 353.	Do.
358	Kirensk	Do. do.	..	Do.
359	Tchita	Do. do.	..	Do.
360	Blagoveshchensk Priisk	Do. do.	**R,** prepared in M.O.	Do.
360*a*	Nertchinsk	Do. do.	**T,** see No. 350. **R,** Wild, Regenverh. Russ. Reiches.	Do.
361	Tygan Ourkan	M.S. data supplied by Meteor. Bureau, Amur District, Blagoveshchensk.	..	**P**=⅓ (7+13+21).
362	Blagoveshchensk	Do. do.	**T,** Wild, Temp. Verh. des Russ. Reiches.	See No. 350.
363	Paikanskii Sklad	Do. do.	..	**T**=⅓ (7+13+21).
364				
365	Nikolaevsk-sur-Amour	M.S. data supplied by Observatoire Météor., Vladivostok.	See No. 353.	See No. 350.
366	Okhotsk	Do. do.	**P, T,** see No. 353. **R,** prepared in M.O.	See No. 361.
367				
368	Petropavlovsk Phare	Do. do.	**P, T,** Atlas Climat. de Russie.	Do.
372				

* Hann, Die Vertheilung des Luftdruckes über Mittel- und Süd-Europa (means 1851–80), Wien. 1887.
† Hellman, G., Die Niederschläge in den Norddeutschen Stromgebieten.

Table showing the Authorities for the Meteorology of the Globe between Latitude 50° N. and 40° N. ZONE 4.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
411	Victoria, B.C.	Toronto, Meteor. Service, Monthly Weather Review, 1913.	**P,** Toronto, Meteor. Service, Ann. Rep., 1906. **T, R,** see current data.	**P**=⅓ (5+12+17).
412	Portland, Oregon	Washington, D.C., U.S. Dept. Agric., Monthly Weath. Rev., 1913.	See current data.	**P** reduced to mean of 24 hrs. Max. and min. temps. converted from whole degs. Fahr.
413	Macleod	See No. 411.	Do.	..
414	Helena	See No. 412.	Do.	See No. 412.
414*a*	Salt Lake City	Do.	Do.	Do.
415	Cheyenne	Do.	Do.	Do.
416	North Platte	Do.	Do.	Do.
416*a*	Bismarck	Do.	Do.	Do.
417	Winnipeg	Do.	See No. 411.	**P**=½ (7+14+19).
418	Duluth	See No. 411.	See current data.	See No. 412.
419	Port Arthur	See No. 412.	See No. 411.	See No. 417.
420	Chicago	See No. 411.	See current data.	See No. 412.
421	Toronto	See No. 412.	See No. 411.	**P**=½ (8+20).
422	New York	See No. 411.	See current data.	See No. 412.
423	St John, N.B.	See No. 412. True mean **T,** Rep. of Meteor. Obs., New York, 1913.	See No. 411.	**P**=½ (8½+20½).
424	S. W. Point, Anticosti	See No. 411.	Do.	Do.
425	Sable Island (Main Station)	See No. 411, and Toronto Meteor. Service, Ann. Rep.	..	..
426	St Johns, Newfoundland	Do. do.	Do.	**P**=½ (9+21).
435	Madrid	See No. 411.	**P,** Angot, Études sur le climat de France, Pression. **T, R,** Treinte anos de Obs. Meteor. de Madrid, 1860–89.	See No. 421.
436	Nantes	Madrid, Annuario del Observatorio, 1915.	**P, T,** Angot, Études sur le climat de France, Pression, température. **R,** Eiffel, Atlas Météor.	**P**=⅛ (3+6+9+12+15+18+21+24)!
437	Paris (Parc St. Maur)	M.S. data supplied by Bureau Centr. Météor. de France.	**T,** Bigourdan, Climat de France. **P, R,** see No. 436.	Do. do.
438	Marseilles	Do. do.	See No. 436.	**P**=mean of 24 hrs.
438*a*	Zürich	Do. do.	J. Maurer, etc., Klima der Schweiz, 1864–1900.	**P**=½ (7+10+12+16+18+22).
439	Rome	Zürich, Ann. Schweiz. Meteor. Centralanst., 1913.	**P,** see current data. **T, R,** F. Eredia, Il Clima di Roma.	**P**=½ (7½ + 13½ + 21½). **T,** (24 hrs)= ½ (7½+13½+2×21½).
440	Vienna	Cairo, Summary of Weather in Egypt, etc., 1913.	See current data. **P**= 50 yrs. **T**=125 yrs. **R**=60 yrs.	**P**=8 h.
440*a*	Buda-Pesth	Vienna, Monatl. Mitt. der K. K. Centralanst., 1913.	**P,** Rona, Luftdruckverhältnisse Ungarns, 1861–1900. **T,** Rona und Fraunhoffer, Temp. verhältnisse von Ungarn. **R,** A. von Anderko, Vertheilung des Niederschlages in Ungarn.	**P**=⅓ (7+14+21).
441	Bucharest	Buda-Pesth, A. m. kir. orszagos meteor. intézet, 1913.	**P, R,** Album Climat. de Roumanie. **T,** see current data.	Do.
443	Odessa (University)	Bucharest, Observatorul Astr. si meteor., Buletinul lunar.	**P, R,** Atlas Climat. de Russie. **T,** see current data.	Hours of observation unknown.
444	Kharkov (University)	Petrograd, Nicholas Centr. Phys. Obs., Monthly Meteor. Bulletin, 1913.	**P, R,** Atlas Climat. de Russie. **T,** see current data.	**P**=7 h. **T**=⅓ (7+13+21).
444*a*	Novorossiisk	Do. do.	**P,** Buchan and Rung. **T, R,** see current data.	Do.
445	Tiflis	Do. do.	**P,** Rung, Répartition de Press. sur l'Europe.	Do.
446	Astrakhan	Do. do.	See No. 443. [**T, R,** see current data.	Do.
447	Fort Alexandrovsk	Do. do.	Do.	Do.
448	Krasnovodsk	M.S. data supplied by Nicholas Central Physical Obs., Petrograd.	Do.	**P, T**=⅓ (7+13+21). No max. ther.
449	Tachkent	See No. 443.	**P, T,** see No. 444*a*. **R,** Atlas Climat. de Russie. [Russie.	See No. 443.
450	Tourgay	See No. 447.	**P,** see No. 444*a*. **T, R,** Atlas Climat. de	**P**=⅓ (7+13+21).
451	Narynskoe	M.S. data supplied by Magn. and Meteor. Obs., Ekaterinburg.	..	See No. 447.
452	Vernyi	See No. 447. [Japan, 1913.	M.S. normals prepared in M.O.	Do.
461	Mukden	Do.	See No. 449.	**P, T**=⅓ (7+13+21).
462	Joshin	Tokio, Ann. Rep. Centr. Meteor. Obs. do.	M.S. normals prepared in M.O.	**P, true T**=⅛ (2+6+10+14+18+22).
463	Vladivostok	Do.	Do. do.	Do. do.
464		M.S. data supplied by Observatoire Météor., Vladivostok.	**P, R,** Atlas Climat. de Russie. **T,** Buchan, "Challenger" Rep. on Atmospheric Circulation.	**P**=¼ (7+13+21).
465	Ochiai	See No. 461.	..	See No. 461.
466	Nemuro	Do.	Tokio, Results of Meteor. Obs. in Japan, 1876–1905.	**P**=mean of 24 hrs.

ZONE 5 (Western Half). Between Latitude 40° N. and 30° N.

511	San Francisco	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau and Monthly Weath. Rev., 1913.	Washington, D.C., U.S. Dept. Agric., Monthly Weath. Rev.	**P,** corrected to mean of 24 hrs. Max. and min. temps. converted from whole degrees Fahrenheit.
512	San Luis Obispo			
513	Modena			
514	San Diego			
515	Sante Fé			
516	Denver			
517	Abilene			
518	Saint Louis			
519	Mobile			
520	Nashville			
521	Charleston			
522	Washington			
524	Bermuda			
531	Horta	Bermuda, Meteor. Obs. taken at Prospect, 1913.	**P,** prepared in M.O. **T, R,** Diffs. in Toronto, Monthly Weather Review.	**P**=⅓ (9+15+21).
532	Ponta Delgada	Cairo, Summary of Weather in Egypt, etc.	**P,** Açores, Résumé des Observations. **T, R,** prepared in M.O.	**P**=6 h.
533	Madeira (Funchal)	Dó. do.	M.S. normals prepared in M.O.	**P**=8 h. **T,** Nov.=8 h.
534	Lisbon	Lisbon, Resumo das Observaçoes, 1913.	**P,** Rung, Press. sur l'Atlantique sept. **T, R,** Hann, Handbuch der Klimatologie.	**P**=⅓ (9+15+21).
535	Casablanca	Do. do.	J. d'Almeida Lima, Climat de Lisbonne.	Do.
536	Gibraltar	..	..	..
		M.S. data at M.O.	M.S. normals prepared in M.O.	**P**=⅓ (7+13+21).

ZONE 5 (Eastern Half). Table showing the Authorities for the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
537	Algiers	M.S. data supplied by Bureau Centr. Météor. de France.	See No. 532.	P=½ (7+13+19). The observations of pressure for 1913 seem too low by about 3 mb., and this amount should accordingly be added to the monthly means and differences from normal. P=8 h.
538	Palma	See No. 531.	P, see current data. T, R, Hann, Handbuch der Klimatologie.	P=½ (7+13+19). The observations of pressure for 1913 seem too high by about 2 mb., and the monthly means and differences from normal should accordingly be reduced by this amount. P=8 h.
538a	Tunis	See No. 537.	M.S. normals prepared in M.O.	P=½ (7+9+15+21). P=8 h.
539	Malta	See No. 531.	See current data.	Do. Do. P=9 h. The observations of pressure for 1913 seem too low by about 1 mb., and this amount should be added to the monthly means and differences from normal.
540	Catania	M.S. data supplied by Dr A. Ricco.	M.S. normals supplied by Dr A. Ricco.	P=8½ h.
541	Athens	See No. 531.	P, M.S. normals prepared in M.O. T, R, see current data.	P=8 h.
542	Alexandria	Do.	Do. do.	Do.
543	Cairo (Helwan)	Do.	See current data.	Do.
544	Nicosia	Do.	M.S. normals prepared in M.O.	P=9 h. The observations of pressure for 1913 seem too low by about 1 mb., and this amount should be added to the monthly means and differences from normal.
544a	Beirut	Do.	See No. 541.	P=8½ h.
545	Baghdad	Calcutta, India Weather Review, 1913.	See current data.	P=8 h.
546	Lenkoran	M.S. data supplied by Nicholas Central Physical Obs., Petrograd.	P, Buchan and Rung. T, Buchan, and prepared in M.O. R, Atlas Climat. de Russie.	P, T=⅓ (7+13+21). No max. ther.
547	Busrah	See No. 545.	See No. 545.	P=8 h.
548	Meshed	Do.	Do.	Do.
549	Quetta	Do.	Do.	Do.
551	Lahore	Do.	Do.	Do.
551a	Simla	Do.	Do.	Do.
552	Leh	Do	Do.	Do.
552a	Dehra Dun	Do.	Do.	Do.
559	Hang Kow	Tokio, Ann. Rep. Centr. Meteor. Obs. Japan, 1913.	P, T, prepared in M.O. R, Zi-Ka-Wei, La pluie en Chine.	P=½ (6+14+22).
560	Tiensin	Do. do.	M.S. normals prepared in M.O.	Do.
561	Shanghai (Zi-Ka-Wei)	Zi-Ka-Wei, Revue Mensuelle de l'Observatoire.	See current data.	P=mean of 24 hrs.
562	Chemulpo	Chemulpo, Ann. Rep. Meteor. Obs. Korea, 1913.	P, T, Meteor. Zs. 27, 1910, p. 502. R, see current data.	P, true T=⅙ (2+6+10+14+18+22).
562a	Nagasaki	See No. 559.	Tokio, Results of Meteor. Obs. in Japan, 1876–1905.	P=mean of 24 hrs.
563	Kioto	Do.	Do. do.	Do.
564	Tokio	Do.	Do. do.	Do.
565	Miyako	Do.	Do. do.	P, true T=⅙ (2+6+10+14+18+22).
566				

ZONE 6. Between Latitude 30° N. and 20° N.

605	Honolulu	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1913–14.	P, R, prepared in M.O. T, Weather Record for Honolulu.	P reduced to mean of 24 hrs.
615	Zacatecas	..	..	..
616	Leon	Leon, Boletin Mensual del Obs. Meteor., 1913.	See current data.	P=½ (7+14+21). T, diff.=½ (7+14+21) —normal.
617	Galveston	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau and Monthly Weath. Rev., 1913.	Washington, D.C., U.S. Dept. Agric., Monthly Weath. Rev.	P reduced to mean of 24 hrs. Max. and min. temps. converted from whole degrees Fahrenheit.
618	New Orleans	Do. do.	Do. do.	Do. do.
619	Havana	Habana, Obs. Meteor. del Colegio de Belen, 1913.	M.S. normals prepared in M.O.	P=⅛ (6+8+10+12+14+16+18+20).
620	Key West	See No. 617.	See No. 617.	See No. 617.
621	Nassau, Bahamas	M.S. data at M.O.	M.S. normals prepared in M.O.	P=½ (8+15).
633	Puerto de Orotava	..	..	..
634	Las Palmas, Canary Islands	M.S. data supplied by Bureau Centr. Météor. de France.	M.S. normals prepared in M.O.	P=9 h.
637	Insalah	See No. 634.	M.S. normals prepared in M.O.	P=½ (7+13+19).
641	Dakhla Oasis	Cairo, Summary of Weather in Egypt, etc., 1913.	See current data.	P=8 h.
642	Wadi Halfa	Do. do.	Do.	Do.
643	Suez	Do. do.	Do.	Do.
644	Aswan	Do. do.	Do.	Do.
647	Bushire	Calcutta, India Weather Review, 1913.	Do.	Do.
648	Jask	Do. do.	Do.	Do.
649	Kurrachee	Do. do.	Do.	Do.
650	Hyderabad, Sind	Do. do.	Do.	Do
651	Jaipur	Do. do.	Do.	Do.
652	Nagpur	Do. do.	Do.	Do.
653	Allahabad	Do. do.	Do.	Do.
654	Calcutta	Do. do.	Do.	Do.
655	Gauhati	Do. do.	Do.	Do.
655a	Cherrapunji	Do. do.	Do.	Do.
656	Shillong	Do. do.	Do.	Do.
656a	Akyab	Do. do.	Do.	Do.
657	Phu Lien	M.S. data supplied by Bureau Centr. Météor. de France.	M.S. normals prepared in M.O.	P=mean of 24 hrs.
658	Moncay	Do. do.	Do. do.	P=½ (10+16).
660	Hong Kong	Hong Kong Observatory, Meteor. Obs., 1913.	See current data.	P=mean of 24 hrs. T diff.=normal—mean of 24 hrs.
661	Taihoku, Formosa	Tokio, Ann. Rep. Centr. Meteor. Obs. Japan, 1913.	H. Kondo, The Climate of Formosa.	P=mean of 24 hrs.
662	Naha	Do. do.	Tokio, Results of Meteor. Obs. in Japan, 1876–1905.	Do.

Table showing the Authorities for the Meteorology of the Globe between Latitude 20° N. and 10° N. ZONE 7.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
715	Zapotlanejo	..	..	..
716	Morelia	..	..	P=½ (7+14+21).
717	Salina Cruz	.. [Mexico.	.. [Magn.	..
718	Mexico	..	Mexico, Boletin mens. del. Obs. Meteor.	P=mean of 24 hrs.
718a	Oaxaca	See No. 716.	.. [pared in M.O.	P=½ (7+14+21).
719	Belize	Do.	P, T, Meteor. Zs., 13, 1896, p. 104. R, pre-	P=10 h.
720	San Salvador	M.S. data supplied by Dr Harrison, Belize.	M.S. normals prepared in M.O.	P, T=½ (7+14+21).
721	Jamaica (Negril Point)	San Salvador, Obs. Nacional, Obs. Meteor., Jamaica Weather Reports, 1913. [1913.	P, T, Jamaica, Weather Rep., No. 357. R, Hall, M., Rainfall in Jamaica.	P=½ (7+15) reduced to mean of 24 hrs.
722	Port au Prince	..	..	..
723	St Croix (Christiansted)	..	..	P=½ (8+14+21).
724	Grenada (Richmond Hill)	Copenhagen, Dansk Meteor. Aarbog, 1913.	M.S. normals prepared in M.O.	P=½ (9+18).
725	Barbados	Grenada, Government Gazette, 1913.	Do. do. [1909, p. 232.	P=½ (9+15).
731	St Vincent, C. Verde Is.	Blue Book, 1913.	P, R, prepared in M.O. T, Meteor. Zs., 26,	P=½ (9+15+21).
732	San Tiago, C. Verde Is.	Lisbon, Resumo das Observaçoes, 1913. Do. do.	T, Meteor. Zs., 26, 1909, p. 232. R, Hann, Handbuch der Klimatologie.	Do.
733	Bathurst	Gambia, Government Gazette, 1913.	M.S. normals prepared in M.O.	P=½ (7+14+21).
734	M'Carthy Island	Do. do.	Do. do.	..
735	Ségou	M.S. data supplied by Bureau Centr. Météor. de France.	..	..
736	Timbouctoo	Do. do.	M.S. normals prepared in M.O.	P=½ (7+14+21).
737	Sokoto	M.S. data at M.O.	T, prepared in M.O. R, Brooks, C. E., Rainfall of Nigeria and Gold Coast.	..
738	Kontagora	..	Do. do.	..
739	Maiduguri	Do.	Do. do.	..
740	Katagum	Do.	Do. do.	..
742	Kadugli	Do.	..	P, T=8 h.
743	El Obeid	Cairo, Ann. Rep. Phys. Service, 1913.	See current data.	P=8 h.
744	Khartoum	Cairo, Summary of Weather in Egypt, etc.,	Do.	Do.
746	Aden	Do. do. [1913.	Do.	Do.
751	Bombay	Calcutta, India Weather Review, 1913.	Do.	Do.
752	Mysore	Do. do.	Do.	Do.
752a	Kodaikanal	Do. do.	Do.	Do.
753	Madras	Do. True T, Ann. Rep. Kodaikanal and Madras Observatories, 1913.	..	..
754	Waltair	See No. 746.	M.S. normals prepared in M.O.	P=½ (10+16).
755	Port Blair	Do.	Do. do.	Do.
756	Rangoon	Do.	P, T, prepared in M.O. R, Maso, M. S., Annual Amount and Distribution of Rainfall in the Philippines, 1914.	P, true T=⅙ (2+6+10+14+18+22).
757	Saigon	See No. 735.	Do. do.	..
758	Nhatrang	Do.	See current data.	Do. do.
759	Bolinao	Manila, Bull. Philippine Weather Bureau, 1913.	See No. 759.	P=mean of 24 hrs. T diff.=24 hrs.
760	Vigan	Do. do.	R, M.S. normals prepared in M.O.	See No. 759.
761	Manila	Do. do.	..	P=½ (6+14).
762	Ormoc	Do. do.	..	..
765	Guam, Ladrone Is.	Do.	..	..
		See No. 759.	..	..

ZONE 8. Between Latitude 10° N. and 0°.

805	Fanning Island	M.S. data at M.O.	M.S. normals prepared in M.O.	P=½ (9+21).
819	Culebra	Culebra, Isthmian Canal Commission, Monthly Meteor. Report, 1913.	P, T, prepared in M.O. R, see current data.	Mean max. and min. temps. converted from whole degrees Fahrenheit.
822	Caracas	..	..	..
823	El Peru, Guayanavieja	M.S. data at M.O.	..	P=7 h.
825	Georgetown, Brit. Guiana	British Guiana, Blue Book, 1913–14. [De Bilt.	British Guiana Blue Book, 1911.	P=½ (9+16). The pressure means for 1913 are about 3 mb. too high compared with the normals. The monthly means and differences from normal should accordingly be reduced by this amount.
826	Paramaribo	M.S. data supplied by K. Ned. Meteor. Inst.,	R, Voss, Niederslag. von Südamerika.	P=⅛ (8+14+18).
826a	Cayenne	M.S. data supplied by Bureau Centr. Météor.	M.S. normals prepared in M.O.	..
833	Conakry	Do. do. [de France.	Do. do.	P=½ (7+14+21).
834	Sierra Leone	M.S. data at M.O.	T, prepared in M.O. R, Brooks, C. E., Rainfall of Nigeria and Gold Coast.	P=½ (9+17).
835	Cape Coast Castle	Do.	Do. do.	..
836	Accra	Do.	M.S. normals prepared in M.O.	..
837	Lagos	Nigeria, Government Gazette, 1913.	P, T, prepared in M.O. R, Brooks, C. E., Rainfall of Nigeria and Gold Coast.	P=½ (9+15).
838	Zungeru	See No. 834.	T, R, prepared in M.O.	P=7 h.
838a	Libreville	See No. 826a.	See No. 835.	..
839	Yola	See No. 834.	..	..
841	Kafia Kingi	Cairo, Ann. Rep. Phys. Service, 1913.	See current data.	P, T=8 h.
842	Wau	Cairo, Summary of Weather in Egypt, etc.,	M.S. normals prepared in M.O.	P=8 h.
843	Entebbe	[1913.	T, prepared in M.O. R, see current data.	P=½ (7+14+21).
844	Nandi	M.S. data at M.O.	..	..
845	Harrar	Nairobi, Meteor. Records, British East [Africa, 1913.	..	..
851	Cothin	See No. 841.	See current data.	P=8 h.
852	Colombo Observatory	Calcutta, India Weather Review, 1913.	Do.	P=½ (9½+15½).
853	Candy	Colombo, Rep. on Obs. and Meteor. of Ceylon, do. [1913.	Do.	..
855	Medan	Do.	P, prepared in M.O. R, see current data.	P reduced to mean of 24 hrs.
856	Kota Radja	Batavia, Obs. at H. Stations in Netherlands East India, vol i., and Regenw. in do.	..	P=½ (9+15+21).
857	Penang	Singapore, Straits Settlements, Meteor. Returns, 1913. do.	M.S. normals prepared in M.O.	Do.
858	Singapore	Do.	Do. do.	..
860	Sandakan	British North Borneo Herald, 1913.	T, R, prepared in M.O. R, Maso, M. S.,	P, true T=⅙ (2+6+10+14+18+22).
861	Tagbilaran	Manila, Bull. Philippine Weather Bureau, 1913.	P, T, prepared in M.O. R, Maso, M. S., Annual Amount and Distribution of Rainfall in the Philippines, 1914.	..
862	Surigao	..	Do. do.	Do. do.
863	Yap	Do. do.	..	P=½ (6+14)
869	Uyelang	Do.	..	..
		..		

ZONE 9. Table showing the Authorities for the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
905	Malden Island	M.S. data at M.O.	M.S. normals prepared in M.O.	P=½ (9+20) Jan.–July. P=9 h. Dec.
906				
923	Manaos	Rio de Janeiro, Annuario Observatorio Nacional, 1917.	M.S. data supplied by Mr R. C. Mossman.	P, T=⅛ (7+14+21).
929	Quixeramobim	Do. do.	P, T, supplied by Senor C. M. Delgado de Carvalho.	Do.
930	Fernando Noronha	M.S. data supplied by Senor J. C. Barboza.	P, prepared in M.O.	Do.
939	Sainte Croix-des-Eshiras	M.S. data supplied by Bureau Centr. Météor. de France.	T, R, prepared in M.O.	..
940	Loango	Do. do.	.. ..	..
943	Daressalam	.. ..	.. ..	..
944	Nairobi	Nairobi, Meteor. Records, British E. Africa, 1913.	T, prepared in M.O. R, see current data.	..
944a	Zanzibar	Calcutta, India Weather Review, 1913.	See current data.	P=8 h.
945				
946	Lamu	See No. 944.	R, prepared in M.O.	..
947	Seychelles	See No. 944a.	P, T, see current data. R, prepared in M.O.	P=½ (10+16). T diffs. are mean 24 hrs. (1913—normal).
955				
956	Padang	Batavia, Obs. at II. Stations in Netherlands East India, vol. i., and Regenw. in do., 1913.	P, R, see current data.	P reduced to mean of 24 hrs.
957	Batavia	Do. do.	P, R, see current data T, Obs. at Royal Meteor. Obs., Batavia, 1912.	P=mean of 24 hrs.
958	Pontianak	Do. do.	P, R, see current data.	P reduced to mean of 24 hrs.
959	Passeroean	Do. do.	Do.	Do.
960	Kajoemas	Do. do.	R, see current data.	..
961	Koepang	Do. do.	See No. 956.	P reduced to mean of 24 hrs.
962	Ambon	Do. do.	See No. 956. T, Smits, Klimat van Ambon.	Do.
965	Daru	Port Moresby, Papua Government Gazette, 1913–14.	M.S. normals prepared in M.O.	P=9 h.
966	Port Moresby	Do. do.	Do. do.	Do.
967	Rakuranga	.. ..	.. ..	..
968	Rendova	M.S. data supplied by Melbourne Commonwealth Bureau of Meteorology.	Melbourne, Results of Rainfall Obs. in Queensland.	..
969	Tulagi, Brit. Solomon Is.	M.S. data at M.O.	M.S. normals prepared in M.O.	P=9 h.
970	Ocean Island	Do.	Do. do.	P=½ (9+21).

ZONE 10. Between Latitude 10° S. and 20° S.

1002	Apia, Samoa	..	..	..
1003	Alofi, Niue Island	M.S. data at M.O.	M.S. normals prepared in M.O.	P=9 h.
1007	Tahiti (Makatea)	M.S. data supplied by Bureau Centr. Météor. de France.	P, Buchan, "Challenger" Rep. on Atmospheric Circulation, and Meteor. Zs., 9, 1892, p. 143.	P=⅛ (6+12+18).
1008				
1021	Puerto de Arica	Santiago, Publ. Inst. Météor. de Chile, No. 15, Anuario, 1913.	P, T, M.S. normals prepared in M.O.	P=⅛ (7+14+21).
1022	Arequipa	M.S. data supplied by Professor Pickering, Harvard College.	P, T, M.S. normals prepared in M.O. R, Hann, Handbuch der Klimatologie.	P=½ (10+22).
1023				
1024	Sucre, Bolivia	Sucre, Resultados di Obs. Meteor, 1915.	T, Sucre, Ann. Rep., 1915. R, Voss, Niederschlag. von Südamerika.	..
1025	Araguaya	.. ..	.. ..	..
1026	Cuyaba	M.S. data supplied by Obs. Nacional, Rio de Janeiro.	P, T, prepared in M.O. R, Hann, Handbuch der Klimatologie.	P=⅛ (7+14+21).
1027	Bello Horizonte	Bello Horizonte, Minas Geraes, Dados Meteor. de 1910 a 1914.	..	Do.
1028	Cætite	Rio de Janeiro, Annuario Observatorio Nacional, 1917.	..	P, T, ⅛ (7+14+21).
1029	Ondina	Do. do.	..	Do.
1030	Aracaju	Do. do.	..	Do.
1035	St. Helena	M.S. data at M.O.	M.S. normals prepared in M.O.	P=9 h.
1042	Gwelo	Salisbury, Rep. on Meteor., 1912, 1913, by the Agric. Dept., and M.S. data supplied by Salisbury Agric. Dept.	P, T, prepared in M.O. R, Goetz, E., Rainfall of Rhodesia.	Do.
1043	Salisbury, Rhodesia			
1044	Zomba	Nyasaland Blue Book, 1913.	M.S. normals prepared in M.O.	P=⅛ (9+21).
1045	Tamatave	M.S. data supplied by Bureau Centr. Météor. de France.	Do. do.	P=⅛ (7+12+18).
1046	Tananarivo	Tananarive, Obs. météor, 1913.	See current data.	P=mean of 24 hrs.
1055	Cocos Keeling Is.	M.S. data supplied by Melbourne Commonwealth Bureau of Meteorology.	Melbourne, Australian Monthly Weath. Rep., 1911.	P=½ (9+15).
1056				
1057	Christmas Is.	Edinburgh, J. Scot. Meteor. Soc., 16, 1911–13.	M.S. normals supplied by Mr A. Watt.	P=½ (9+21).
1061	Derby	M.S. data supplied by Melbourne Commonwealth Bureau of Meteorology.	Melbourne, Australian Monthly Weath. Rep., 1911.	P=½ (9+15).
1062	Hall's Creek	Do. do.	Do. do.	Do.
1063	Port Darwin	Do. do.	Do. do.	Do.
1064	Daly Waters	Do. do.	Do. do.	Do.
1065	Mein	Do. do.	R, Do. do.	Do.
1066	Georgetown, Queensland	Do. do.	Do. do.	Do.
1067	Samarai	Port Moresby, Papua Government Gazette, 1913–14.	M.S. normals prepared in M.O.	P=9 h.
1070	La Kolle	..	..	..
1071				
1072	Suva, Fiji	M.S. data at M.O.	Suva, Ann. Rep. Agric., Fiji, 1915.	P=9 h.

ZONE 11. Table showing the Authorities for the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
1105	Rarotonga (Avarua)	M.S. data at M.O.	R, prepared in M.O.	..
1106				
1115	Mataveri, Easter Island	Santiago, Publ. Inst. Meteor. de Chile, No. 15, Anuario 1913.	..	P=⅛ (7+14+21).
1116				
1121	Punta Tortuga, Coquimbo	Do. do.	M.S. normals prepared in M.O.	Do.
1122	Puerto de Antofagasta	Do.	Do. do.	Do.
1125	Goya	M.S. data supplied by Mr. R. C. Mossman.	P, Davis, W. G., Climate of the Argentine Republic. T, R, Buenos Ayres, Servic. Meteor. Hist. y Organ.	P reduced to mean of 24 hrs.
1126	Porto Alegre	Rio Grande do Sul, Dados Meteor., 1912–13.	R, prepared in M.O.	P=⅛ (7+14+21).
1127	Curityba	M.S. data supplied by Obs. Nacional, Rio de Janeiro.	Brazil, Boletim meteor., 1910.	P=mean of 24 hrs.
1128	Rio de Janeiro	Do. do.	P, T, Cruls, L., O Clima do Rio de Janeiro. R, Voss, Neiderschlag. von Südamerika.	P=four-hourly.
1139	Windhuk	..	..	..
1140				
1141	Johannesburg	M.S. data supplied by Chief Meteorologist, Pretoria.	P, prepared in M.O. T, R, Notices of Transvaal Obs,. 1911.	P=8½ h.
1142	Kimberley	M.S. data supplied by Mr. R. C. Mossman.	M.S. normals supplied by Dr. J. R. Sutton. See No. 1141.	P=mean of 24 hrs.
1142a	Pretoria	See No. 1141.	P, Sutton, Some Press. and Temp. Results for Plateau of S. Africa. T, Sutton, S. Afric. Coast Temp. R, Meteor. Zs., 23, 1906, p. 568.	P=8½ h. The observations of pressure for 1913 seem about 1·5 mb. too low, and this amount should be added to the monthly means and differences from normal.
1143	Durban	Do.		
1144	Lorenzo Marques	Lorenzo Marques, Relatorio do Observatorio Campos Rodrigues, 1913.	A. de A. Teixera, Climate of Lourenço Marques, 1913.	P=mean of 24 hrs.
1147	Mauritius	Mauritius, Results of Meteor. Obs. during 1913 at Royal Alfred Observatory.	See current data.	Do.
1148				
1159	Onslow	M.S. data supplied by Melbourne Commonwealth Bureau of Meteorology.	Melbourne, Australian Monthly Weath. Rep., 1911.	P=½ (9+15).
1160	Peak Hill	Do. do.	Do. do.	Do.
1161	Nullagine	Do. do.	Do. do.	Do.
1162	Laverton	Do. do.	Do. do.	Do.
1163	Alice Springs	Do. do.	Do. do.	Do.
1164	William Creek	Do.	R, Melbourne, Australian Monthly Weath. Rep., 1911.	Do.
1165	Boulia	Do.	Do. do.	Do.
1166	Mitchell	Do.	Do. do.	Do.
1167	Rockhampton	Do. do.	Do. do.	Do.
1168	Brisbane	Do. do.	See No. 1159.	Do.
1169	Noumea	Do.	T, R, prepared in M.O.	..
1170	Norfolk Island	M.S. data supplied by Bureau Centr. Météor. de France.	..	..

ZONE 12. Between Latitude 30° S. and 40° S.

1220	Juan Fernandez	Santiago, Publ. Inst. Meteor. de Chile, No. 15, Anuario, 1913.	M.S. normals prepared in M.O.	P=⅛ (7+14+21).
1221	Punta Angeles, Valparaiso	Do. do.	P, T, M.S. normals prepared in M.O. R, Mossman, R. C., Climate of Chile.	Do.
1222	Santiago	Do. do.	P, Buchan, "Challenger" Rep. on Atmospheric Circulation. T, R, Mossman, Climate of Chile.	P=mean of 24 hrs.
1223	Cordoba	M.S. data supplied by Mr. R. C. Mossman.	P, Davis, W. G., Climate of Argentine Republic. T, R, Buenos Ayres, Servic. Meteor. Hist. y Organ.	Do.
1224	Buenos Ayres	Do. do.	Do. do.	Do.
1225	Rio Grande	Rio Grande do Sul, Dados Meteor., 1912–13.	P, T, prepared in M.O. R, Voss, Niederschlag. von Südamerika.	P=¼ (7+14+21).
1226	Montevideo	Montevideo, Instituto Meteor. Nacional, Datos, 1913.	M.S. normals prepared in M.O.	P=mean of 24 hrs.
1239	Cape Town	M.S. data supplied by Chief Meteorologist, Pretoria.	P, T, prepared in M.O. R, Cape Town, Rep. Select Committee on Droughts, etc.	P=8½ h.
1240	Danger Point	Do. do.	..	..
1241	Heidelberg	Do.	T, prepared in M.O. R, Buchan, Rainfall of South Africa	P=8½ h.
1242	East London	Do.	P, Buchan, "Challenger" Rep. on Atmospheric Circulation, and P, R, Sutton, Climate of East London. T, Sutton, South African Coast Temperatures.	Do.
1259	Perth (Observatory)	M.S. data supplied by Melbourne Commonwealth Bureau of Meteorology.	Melbourne, Australian Monthly Weath. Rep., 1911.	P=½ (9+15).
1260	Katanning	Do. do.	Do. do.	Do.
1261	Coolgardie	Do. do.	Do. do.	Do.
1262	Eucla	Do. do.	Do. do.	Do.
1263	Streaky Bay	Do. do.	Do. do.	Do.
1264	Adelaide	Do. do.	Do. do.	Do.
1265	Melbourne	Do. do.	Do. do.	P=mean of 24 hrs.
1266	Bourke	Do. do.	Do. do.	P=½ (9+15). P diff.=9 h.—normal.
1267	Sydney	Do. do.	Do. do.	P=mean of 24 hrs.
1268	Lord Howe Island	Do. do.	R, Results of Rainfall Obs. in Queensland.	..
1271	Auckland	Wellington, Statistics of New Zealand, 1913: Meteor.	M.S. normals prepared in M.O.	..

ZONE 13. Table showing the Authorities for the Meteorology of the Globe between Latitude 40° S. and 50° S.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
1301	Chatham Island	Wellington, Statistics of New Zealand, 1913: Meteor.	M.S. normals prepared in M.O.	P=9 h.
1321	Punta Corona	Santiago, Publ. Inst. Meteor. de Chile, No. 15, Anuario, 1913.	P, T, prepared in M.O. R, Mossman, R. C., Climate of Chile.	P=⅓ (7+14+21). The observations of pressure for 1913 seem too low by about 6 mb., and this amount should be added to the monthly means and differences from normal.
1322	Punta Galera	Do. do.	M.S. normals prepared in M.O.	P=⅓ (7+14+21).
1323	Bahia Blanca	Do. do.	P, Davis, W. G., Climate of Argentine Republic. T, R, Buenos Ayres, Servic. Meteor. Hist. y Organ.	Do.
1365	Hobart	M.S. data supplied by Melbourne Commonwealth Bureau of Meteorology.	Melbourne, Australian Monthly Weath. Rep., 1911.	P=½ (9+15).
1366	Launceston	Do. do.	Do. do.	Do.
1370	Dunedin	See No. 1301.	M.S. normals prepared in M.O.	P=9 h.
1371	Christchurch	Do.	Do. do.	P=9½ h.
1372	Wellington	Do.	Wellington, New Zealand Gazette.	P=9 h.

ZONE 14. Between Latitude 50° S. and 60° S.

1421	Islota de los Evangelistas	See No 1321.	M.S. normals prepared in M.O.	P=⅓ (7+14+21).
1422	Puerto de Punta Arenas	Do.	P, Marabini, Resumen de Obs. 1888–1907 del Colegio Salesiano, Punta Arenas.	Do.
1423	Punta Dungeness	Do.	M.S normals prepared in M.O.	Do.
1424				
1425	Cape Pembroke	M.S. data at M.O.	P, T, M.S. normals prepared in M.O.	P=⅙ (4+8+12+16+20+24).
1426	Stanley, Falklands Is.	Meteor. Obs. taken at Stanley, Falkland Is., 1913.	Prepared in M.O.	..
1429	South Georgia (Cumberland Bay)	M.S. data at M.O.	M.S. normals prepared in M.O.	P=⅛ (8+14+20).
1467	Macquarie Island	M.S. data supplied by Melbourne Commonwealth Bureau of Meteorology.	P, M.S. normals prepared in M.O.	P=mean of 24 hrs.

ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	M.S. data supplied by Mr. R. C. Mossman.	M.S. normals prepared in M.O.	P=mean of 24 hrs.
1528				

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